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U. S. Department of Agriculture

Our Finest Quality  
**LEWIS-CLARK**  
BRAND

1939

CATALOG



*Selected for  
Purity and Germination*

**MARK MEANS CO.**  
LEWISTON, IDAHO

# OUR BRANDS

**LEWIS-CLARK** is our best brand and only the best seed obtainable is so branded. It is always carefully selected and tests the highest for purity and germination. We recommend this brand.

**FANCY.** This is our second best grade, equal to, and in many cases has a higher purity and germination than other so-called "best" brands.

# PLANTING TABLE

Quantity per Acre	
Artichoke, 1 oz. to 500 plants..	.6 oz.
Asparagus, 1 oz. to 800 plants..	.1 lb.
Asparagus Roots .....	7500
Barley.....	2 to 2½ bu.
Beans—	
Dwarf, 1 lb. to 100 ft. drill..	1 bu.
Pole, 1 lb. to 100 hills.....	½ bu.
Beets, Garden—	
1 oz. to 100 ft. drill...	6 to 7 lbs.
Mangel, 1 oz. to 100 ft. drill.	.5 lbs.
Buckwheat.....	½ to 1 bu.
Cabbage, 1 oz. to 2000 plants..	.4 oz.
Carrot, ½ oz. to 100 ft. drill..	.3 lbs.
Cauliflower,	
1 oz. to 300 plants.....	3 to 4 oz.
Clover—	
Alsike and White....	8 to 10 lbs.
Red .....	10 to 15 lbs.
Alfalfa .....	12 to 15 lbs.
Corn, Pop (shelled) .....	8 to 10 lbs.
Sweet or Field.....	.8 lbs.
Cucumber,	
1 oz. to 100 hills.....	2 to 3 lbs.
Egg Plant, 1 oz. to 2000 plants.	.4 oz.
Flax, broadcast .....	¾ bu.
Grass—	
Kentucky Blue, pasture.	1 to 2 bu.
Kentucky Blue, lawns....	100 lbs.
Meadow Fescue .....	1 bu.
Mixed Lawn .....	5 to 6 bu.
Red Top, solid seed..	10 to 15 lbs.
Timothy .....	6 to 8 lbs.
Orchard, Perennial Rye..	1 to 2 bu.
Crested Wheat.....	10 to 12 lbs.

Quantity per Acre	
Horseradish Roots..	15,000 to 25,000
Kale, 1 oz. to 2000 plants.....	.4 oz.
Kohl Rabi, 1 oz. to 2000 plants.	.4 oz.
Lettuce, 1 oz. to 150 ft. drill..	.3 lbs.
Melon—	
Musk, 2 oz. to 100 hills.	2 to 3 lbs.
Water, 4 oz. to 100 hills	
	3 to 4 lbs.
Millet—For Seed .....	20 lbs.
For Hay .....	30 lbs.
Oats .....	2 to 3 bu.
Okra, 1 oz. to 100 ft. drill....	.8 lbs.
Onion Seed, for sets...	.60 to .85 lbs.
1 oz. to 150 ft. drill...	.3 to 4 lbs.
Onion Sets, 1 qt. to 40 ft. drill.	.8 bu.
Parsnips, 1 oz. to 150 ft. drill.	.3 lbs.
Peas, Field .....	.2 bu.
Garden, 1 lb. to 100 ft. drill	1-2 bu.
Pepper, 1 oz. to 1000 plants..	.2 lbs.
Potatoes .....	10 bu.
Pumpkin, ½ lb. to 100	
hills .....	3 to 5 lbs.
Radish, 1 oz. to 100 ft. drill..	.10 lbs.
Rape .....	3 to 5 lbs
Rye .....	1½ to 2 bu.
Salsify, 1 oz. to 100 ft.	
drill .....	.6 to 8 lbs.
Spinach, 1 oz. to 100 ft.	
drill .....	.8-10 lbs.
Sunflower .....	.8 lbs.
Squash—	
Summer, 4 oz. to 100 hills..	.3 lbs.
Winter, 8 oz. to 100 hills...	.4 lbs.
Tomato, 1 oz. to 2000 plants..	.4 oz.
Turnip, 1 oz. to 150 ft. drill.	.2-3 lbs.
Vetches .....	1½ to 2 bu.
Wheat .....	1½ to 2 bu.

## WEIGHTS OF VARIOUS SEEDS

	Per Bushel
Barley .....	48 lbs.
Beans .....	60 lbs.
Buckwheat .....	48 lbs.
Blue Grass, Kentucky.....	14 lbs.
Clover and Alfalfa.....	60 lbs.
Corn, shelled .....	56 lbs.
Flax .....	56 lbs.
Grass Seed (unless otherwise stated) .....	14 lbs.
Meadow Fescue .....	24 lbs.
Millet .....	50 lbs.
Oats .....	32 lbs.
Onion Sets .....	32 lbs.
Orchard Grass .....	14 lbs.
Peas, smooth .....	60 lbs.
Peas, wrinkled .....	56 lbs.
Perennial Rye .....	20 lbs.
Potatoes .....	60 lbs.
Rape .....	60 lbs.
Rye .....	56 lbs.
Red Top .....	14 lbs.
Timothy .....	.45 lbs.
Vetches .....	60 lbs.
Wheat .....	60 lbs.

## PARCEL POST RATES

Weight in pounds	Local	1st. Up to 50 miles	2d. 50 to 150 miles	3d. 150 to 300 miles	4th. 300 to 600 miles	5th. 600 to 1,000 miles	6th. 1,000 to 1,400 miles	7th. 1,400 to 1,800 miles	8th. Over 1,800 miles
1	\$0.07	\$0.08	\$0.08	\$0.09	\$0.10	\$0.11	\$0.12	\$0.14	\$0.15
2	.08	.10	.10	.11	.14	.17	.19	.23	.26
3	.08	.11	.11	.13	.17	.22	.26	.32	.37
4	.09	.12	.12	.15	.21	.27	.33	.41	.48
5	.09	.13	.13	.17	.24	.33	.40	.50	.59
6	.10	.14	.14	.19	.28	.38	.47	.59	.70
7	.10	.15	.15	.21	.31	.43	.54	.68	.81
8	.11	.16	.16	.23	.35	.49	.61	.77	.92
9	.11	.17	.17	.25	.38	.54	.68	.86	1.03
10	.12	.18	.18	.27	.42	.59	.75	.95	1.14

### Notes About Parcel Post

Poisons can not be sent by mail, but may be shipped by express.  
Weight limit in all zones 70 pounds.

We are buyers of Wool and Mohair, from one fleece to a carload. Send us a representative sample of your clip, stating the amount you have and the kind of sheep. We will quote you prices as soon as we have examined the sample.

WOOL SAX

FLEECE TWINE

We operate the Mountain Valley Seed Co., Arling, Idaho. In this district we raise alfalfa, clovers, timothy and other grass seeds in an elevation of 4500 feet above the sea level. Seed raised under these conditions are very hardy, of high purity and germination.

# Established 1900.. Thirty-nine Years of Service

Through the medium of this catalogue the Mark Means Company sends greetings to all customers old and new, as well as to prospective customers for the season of 1939.

For the past thirty-seven years we have been giving satisfactory seed service to the farmers, growers and home gardeners of the Northwest. The many unsolicited testimonials we receive each year from satisfied users of our seeds, are very much appreciated, and we are always glad to have them.

The number of our customers increases yearly, and we wish to thank all our friends for past favors, and trust we shall have the pleasure of receiving your orders again, not only this year but in the years to follow. When you buy our "Lewis-Clark" quality in either field or garden seeds, you are assured of receiving the best obtainable, and the most suitable for successful crops in your locality.

If you desire any information or advice regarding field or garden crops, please write us fully and the matter will have our prompt attention. When in Lewiston, call and see us and let us show you around the store, warehouse and up-to-date cleaning plant. Make our office your headquarters while in town.

Glance through this catalogue NOW — don't put it off until later — take out order sheet and write down your wants, no matter how small or how large, mail us the order and we will fill it with the utmost care.

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## IT PAYS TO BUY THE BEST

Once in a while a prospective customer will say "I can buy the same VARIETY of seed elsewhere for less than you ask." We do not doubt this, but when we ask him about the QUALITY of the cheaper seed he usually answers, "Well—I don't know about that; I didn't ask and they didn't say."

Upon investigation we invariably find that the lower priced seed is certainly cheap in every respect.

We always aim to keep our prices as low as possible for the high quality of the seed we offer, and although the initial cost to you of our tested seed may be a little higher, the crop results prove that seed purchased from us was worth several dollars per hundred pounds more in comparison with the so-called "cheap" seed.

When ordering our LEWIS-CLARK QUALITY seed, you can depend on getting seed that is acclimated and will give you very satisfactory results. This is true of both our field and garden seed.

The strict seed laws of the various states, makes it imperative that our buying and cleaning be done by experts. If you wish to make comparisons, we will gladly furnish samples of field seed in which you are interested.

Remember—IT PAYS TO BUY THE BEST, so when ordering, insist on our LEWIS-CLARK QUALITY, from your local dealer or send order direct to us.

## FLOWER SPECIAL

Any TWELVE 10c Flower Seed Packets for \$1.00.  
Postpaid.

## FRESH VEGETABLES

### From Your Own Garden—When You Want Them

One of the nicest features about your own garden is that the vegetables are there when you want them—fresh and full of flavor. When you raise your own, they taste better

#### BUY YOUR SEEDS EARLY

You will gain a distinct advantage by arranging early for your seed supply, as orders must be filled carefully

#### IMPORTANT

Owing to fluctuations in market prices it may be necessary to change some of the prices quoted herein during the season. Should prices change and orders be received at prices named, seeds will be sent equivalent to the money received, figuring the order at current prices.

#### HOW TO SHIP

Always state how you want heavy seed shipped, by freight, parcel post or express, and if your station is a prepay point, don't forget to add enough money to take care of the charges. Should you not receive the goods you ordered within a reasonable time, write us regarding the matter and we will gladly send a tracer after your shipment.

We deliver FREE by parcel post, up to 3rd zone, all Vegetable and Flower Seed, unless otherwise stated. All other items are F. O. B. Lewiston, and postage, freight or express charges must be added if your station is a prepay station.

# FIELD SEEDS

All Field Seed prices are F. O. B. Lewiston unless otherwise stated.

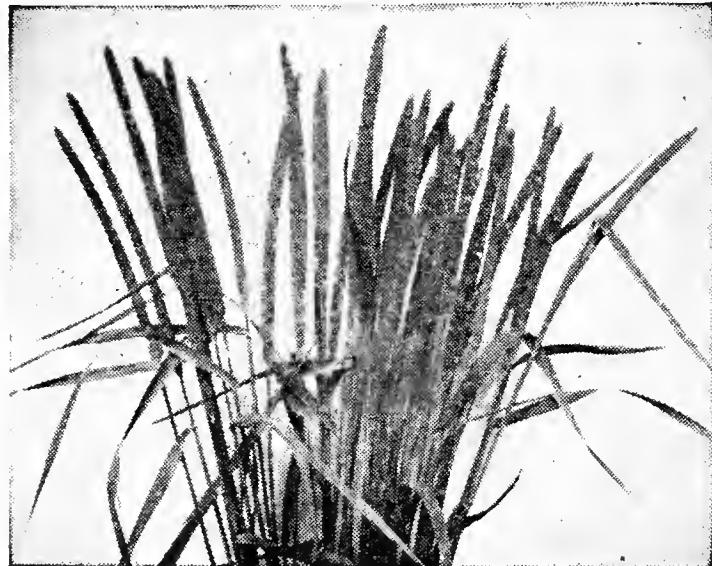
Quality considered you will find our prices as low or lower than you can buy elsewhere. However, the initial cost of field seed is not the important factor governing a purchase. It is more important for the farmer to procure well matured, plump, heavy seed of high purity and germination for seeding purposes. As one of our greatest agriculturists recently said, "Quality seed of high purity and germination will provide excellent stands of hay and pasture if seeded correctly, but be sure to buy GOOD SEED." Our Lewis-Clark quality seed, while slightly higher in price is much cheaper in the end than grades sold at lower prices. Our many years of experience and knowledge of the seed business and our efficient up-to-date cleaning machinery, enable us to furnish seed that will satisfy every requirement of the efficient farmer, at prices as low as possible consistent with quality.

If you plan to seed a large acreage write us and we will gladly quote quantity prices.

The ideal method of building up your soil and assuring yourself of profitable succeeding crops is to plant alfalfa, clovers and grasses, utilizing them for feeding livestock.

Please read under heading of "IMPORTANT" on page 1.

We ask that you kindly send in your order just as early as possible.



*Timothy*

### Timothy

Timothy is by far the most valuable of all grasses for hay, and is also fine for mixing with red or alsike clover for either hay or pasture. Our seed is Northern Idaho grown, recleaned and put in the best condition for seeding.

Less than 50 lbs. 50 lbs. 100 lbs.

Lewis-Clark .....	12c per lb.	5.00	9.50
Fancy .....	11c per lb.	4.75	8.50

### Domestic Rye Grass

This variety of Rye Grass is rapidly increasing in favor with dairymen in this district. Those who have used it state that it will carry more stock than any other grass, and will increase the milk flow. It is a rapid grower, winter hardy and makes a quick regrowth after mowing, and remains green much longer than other varieties. Can be grown successfully on dry, shallow, poor soils as well as on the better soils. At the price we can furnish you this seed, it will pay every dairyman to plant a few acres. Broadcast, 30 pounds per acre.

Less than 50 lbs. 50 lbs. 100 lbs.

Lewis-Clark .....	16c per lb.	7.50	14.00
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### Slender Wheat or Bunch Grass

The only native American grass that has become a cultivated crop. An erect Bunch Grass, especially adapted to the Northwest. Very hardy, and resistant to both drought and cold. An excellent hay grass, yielding 1½ to 2 tons per acre. Sometimes a second cutting is obtained. Sow about 20 lbs. per acre.

Less than 50 lbs. 50 lbs. 100 lbs.

Lewis-Clark .....	25c per lb.	11.50	22.50
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### Kentucky Blue Grass

Makes the best pasture of any grass. Starts early in the spring, and lasts until late in the fall. Should form part of every pasture mixture. Also used extensively for lawns.

1 lb. 25 to 50 lbs. 50 to 100 lbs.

Lewis-Clark .....	30c	25c per lb.	23c per lb.
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### Winter Blue Grass (*Poa Bulbosa*)

This is a perennial producing small bulblets instead of seeds. Is dormant during the entire summer, but as soon as the first fall rains come, the plants revive and send up a heavy, dense growth, furnishing excellent pasture throughout the late fall, winter and spring months. Seed should be planted in the fall or early winter (never in the spring). Sow from 20 to 25 lbs. per acre on well drained soil. This grass seeds freely, spreading from the bulblets produced beneath the surface of the soil as well as from those produced in the flower.

Less than 50 lbs. 50 lbs. 100 lbs.			
Lewis-Clark .....	30c per lb.	13.00	25.00

### Reed Canary Grass

Reed Canary Grass has been in great demand the past two seasons, on account of its adaptability to different soil conditions. Though usually found in wet, marshy lake districts, it will also succeed on high, well drained land of rather low rainfall. It is a perennial and grows anywhere from 3 to 8 feet tall, and is palatable as hay and pasture. Heavy pasturing tends to thicken the stand, as stock will tramp the stems and nodes into the soil, starting new growth. The hay yield is heavy, but the grass is more desirable as pasture. On well prepared seed beds where there is moisture enough for germination, sow 6 to 8 lbs. per acre.

1 lb. 25 to 50 lbs. 100 lbs.			
Lewis-Clark .....	45c per lb.	42c lb.	41.00

### Tall Meadow Oat Grass

The earliest grass of all for either pasture or hay. Is especially adapted to our western country, being a quick grower, often reaching a height of 3 to 4 feet in June. Has a deep rooting system, which enables it to withstand a long drought, remaining green all seasons of the year. Cut during the blooming period for hay. Grows quickly after mowing, and will furnish a second and sometimes a third cutting. Sow 25 or 30 pounds per acre.

Less than 50 lbs. 50 lbs. 100 lbs.			
Lewis-Clark Quality .....	32c lb.	14.00	27.00

### Meadow Fescue or English Blue Grass

Especially fine for permanent pasture; also good for hay. Grows 2 to 3 ft. high, but not in bunches like Orchard Grass. Succeeds on poor soil and withstands extremely dry weather.

1 lb. 10 lbs. 50 lbs. 100 lbs.				
Lewis-Clark Quality ...	25c	2.20	10.50	20.00

### Mixed Alsike Clover and Timothy

In cleaning the large amount of Timothy and Clover seed we handle, there is always a certain amount of mixed Alsike and Timothy taken out that cannot be separated. The mixture is the largest and plumpest seed of the lot. Any one who is going to plant Alsike and Timothy together can save money by buying this seed.

#### ALSIKE CLOVER AND TIMOTHY MIXTURE

Less than 50 lbs. 50 lbs. 100 lbs.		
15c per lb.	7.00	13.50

## Crested Wheat Grass

Crested Wheat Grass is a native of the Steppe region of European Russia and southwestern Siberia. It is a long-lived perennial that maintains productiveness for many years. Extensive tests have shown that it is highly adapted to the prairie provinces of western Canada, and has special merit for arid and semi-arid conditions. It is naturally suited to areas of limited rainfall, and has proven successful in districts with less than 13 inches of rainfall.

The root system is strongly developed. The dry weight of root fibre is more than double that of western rye grass and the main root mass extends to twice the depth. As a hay and pasture crop it is very palatable and nutritious. Should be seeded on well prepared soil at the rate of 10 lbs. per acre.

	1 lb.	10 lbs.	50 lbs.	100 lbs.
Lewis-Clark .....	.30	2.80	13.00	25.00
Fancy .....	.28	2.60	12.00	23.50

## Smooth Brome Grass (*Bromus Inermis*)

A wonderful drouth-resisting grass for the stock raiser. Stands at the head of all grasses as the most valuable for localities where conditions demand a drouth-resisting plant.

A vigorous, hardy perennial, with strong, creeping root stalks; smooth, upright, leafy stems, 1 to 4 ft. high. In a few years it forms a tough sod, soon crowding out other grasses and weeds. It forms a permanent pasture, which starts very early in the spring and remains green until late in the fall. Without a doubt this is one of the best grasses to plant for a permanent pasture.

Seeding is done either in the spring or fall at the rate of 15 to 20 lbs. to the acre. Our seed is northern grown, hardy and thoroughly cleaned. **Lewis-Clark Quality, 1 lb. 30c; 10 lbs. \$2.60; 50 lbs. \$12.50; 100 lbs. \$24.00.**

## Sudan Grass

Sudan Grass is a tall, leafy, annual grass, producing a large tonnage of feed. As it originated in a hot, dry climate, it is naturally adapted to the dry conditions of our section. It does well on all soils except those that are wet and poorly drained.

Sudan is an annual, and as it matures quickly it is especially valuable as a catch crop. It produces a large tonnage of hay similar in quality to millet or timothy. When seeded for hay should be planted at the rate of 15 to 20 pounds to the acre with a grain drill. Should not be seeded until after all danger of frost is past. **Lewis-Clark Quality, 1 lb. 13c; 50 lbs. \$5.00; 100 lbs. \$9.50.**

## Orchard Grass

Orchard Grass is equally good for pasture or hay. When mixed with alfalfa makes high quality feed, especially fine for livestock. Extra good in pasture mixtures on account of its earliness and its ability to withstand drouth and close pasturing. **Lewis-Clark Quality, 1 lb. 30c; 25 lbs. \$7.00; 50 lbs. \$13.00; 100 lbs. \$25.00.**

## Red Top

A valuable grass for moist or even marshy lands and also on soils that are not rich enough for timothy and other grasses and clovers. When mixed with Alsike at the rate of 6 pounds of Red Top and 4 pounds of Alsike to the acre, it makes a fine crop of hay or a good pasture. To make the best quality of hay it should be cut in full bloom.

	1 lb.	10 lbs.	50 lbs.	100 lbs.
Lewis-Clark Quality..	.25	2.35	11.00	21.00

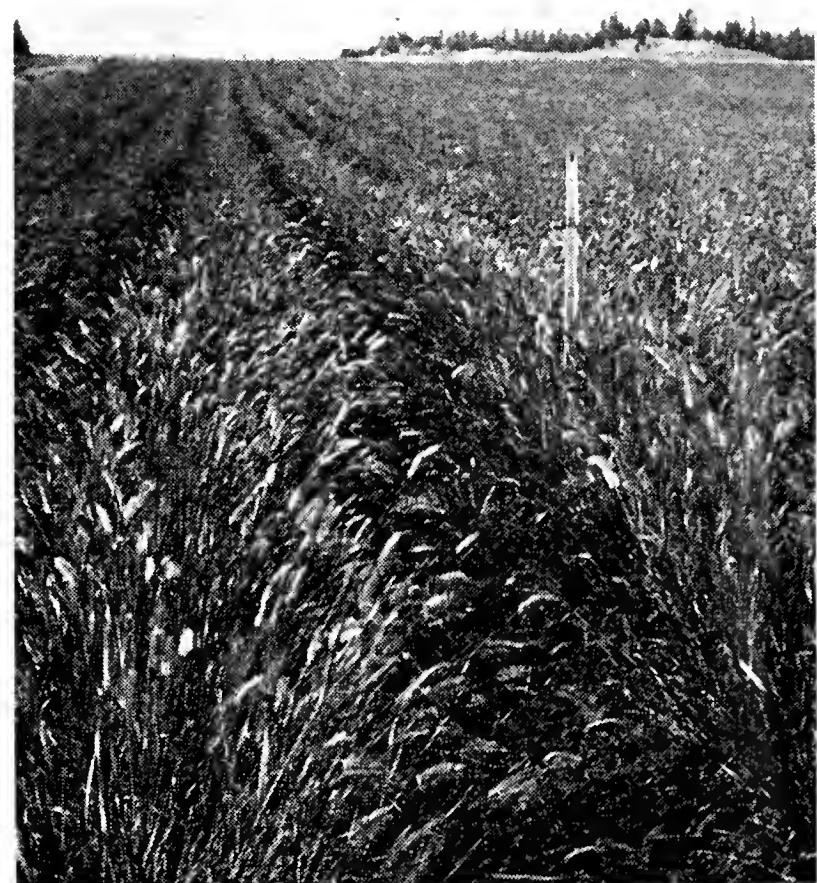
## Permanent Pasture or Meadow Mixtures

Our selected mixture of grasses and clovers will produce a very fine permanent pasture as well as a good hay yield. Some of the varieties included in this mixture will mature early, others medium late, so that one or the other will be at its best from early spring until snow covers the ground.

**Prices: 1 lb. 20c; 10 lbs. \$1.80; 50 lbs. \$7.50; 100 lbs. \$14.00.**

**A SPECIAL MIXTURE** used and recommended by the University of Idaho college of agriculture's substation farm at Aberdeen, Idaho. The mixture proving so satisfactory is 5 lbs. Orchard Grass, 5 lbs. Meadow Fescue, 5 lbs. Smooth Brome Grass, and 2 lbs. Ladino Clover, which equals 17 lbs. per acre. Should be seeded on well prepared seed bed well packed and fertilized, without a nurse crop. Under favorable conditions a cutting of grass hay can be put up in August of the year planted. Limit the pasturing the first year to calves in September.

**Prices: 17 lbs. 6.25; 34 lbs. \$12.00; 51 lbs. \$18.00; 68 lbs. \$23.50; 85 lbs. \$29.00; 100 lbs. \$34.00.**



Crested Wheat Grass

## Sunflowers for Silage

In the last few years Sunflowers have been grown extensively for ensilage. The yield varies from 10 tons on dry land to 40 tons on rich bottom land under irrigation. In feeding value it ranks close to corn ensilage. The variety giving best results in this district is the Mammoth Russian. **100 lbs. \$12.00; less than 100 lbs., 15c per lb.**

## Dwarf Essex Rape

One of the best forage plants. Produces a large amount of valuable pasture which is ready for use six or eight weeks after planting. Recommended highly for sheep and hogs. **1 lb. 20c; 10 lbs. \$1.60.**



## Soy Beans

Soy Beans can be grown in any section where corn can be raised. The Extension Department of the University of Idaho has been testing a large number of varieties for the last four years.

Inoculation is necessary; it promotes growth and hastens maturity.

Cease cultivation when blooms appear.

Amount of seed required per acre for seed purposes: Rows 3 feet apart, hills 20 inches apart—5 to 8 lbs..

For hay and pasture: Stop every other hole in grain drill, seeding about one seed per square foot, which will require approximately 12 to 15 lbs.

**1 lb. 15c; 10 lbs. \$1.15; 50 lbs. \$5.00; 100 lbs. \$9.50**

## Western Flax Seed

There should be more flax sown, as it is one of the most dependable crops in the West. Matures very quickly, and can be planted as late as the middle of June, and therefore is desirable as a catch crop. Can also be used as a nurse crop. Flax takes less moisture and fertility from the soil than other grains, and under favorable conditions will yield 15 to 20 bushels per acre.

Write for prices.

## ALFALFAS AND CLOVERS

While practically all Alfalfa and Clover seed prices are lower than they were last year, the Quality is of the same High Grade.

This catalog is printed months in advance of the time of the season when the demand for field seeds is the greatest, and as Grasses, Alfalfas and Clovers move in a much larger volume than the garden varieties, it is impossible to tell at this time what the supply and demand will be. While we do not expect, for the first part of the season at least, any changes in prices quoted herein, we wish to draw your attention to the item on page 1 under heading of "Important".

We therefore ask that you kindly send in your order just as early as possible.



*Alfalfa*

### **ALFALFA**

#### **The most valuable of all legume crops.**

Alfalfa has done more to increase the value of farm lands than any other crop raised. It will thrive on any soil except a wet one, and not only produces a valuable hay crop of several tons to the acre but also enriches the soil on which it is grown.

It is of the utmost importance that the seed bed be carefully prepared. The ground should be finely pulverized but firm. As Alfalfa is an expensive crop to sow, and since a good stand will last for a number of years, it is very important that none but the best seed be used. Cheap seed of inferior quality may result in a poor stand or be the cause of the farm becoming infested with noxious weeds.

### **Northwestern Grown Common Alfalfa**

Under supervision of the U. S. Department of Agriculture, we are authorized to issue verified origin seed certificates for alfalfa seed, the locality of production of which has been verified by Federal seed inspector.

Our seed is secured in the large producing dryland districts by men who carefully select only the best lots for our particular trade. When you order your seed from us you may rest assured that you are getting stock of the highest quality. Plant a field of our Lewis-Clark quality, tall growing Alfalfa.

	10 lbs.	50 lbs.	100 lbs.
Lewis-Clark .....	3.50	16.50	32.00
Fancy .....	3.35	16.00	31.00

### **Grimm, Cossack and Ladak Alfalfas**

Where killing of alfalfa by drouth, frost and heaving is experienced, we recommend either of these varieties. They have double root systems, and the large crowns set low in the ground throwing out many more shoots than the so-called common variety.

#### **CERTIFIED GRIMM**

This seed is from fields that are state registered. The seed is officially inspected and graded and each sack is sealed by a state inspector at the time of cleaning. (Now packed 60-lb. bags).

	10 lbs.	60 lbs.	120 lbs.
Blue Tag (highest grade) ....	4.25	24.60	48.00

#### **AFFIDAVIT GRIMM**

This is genuine Grimm alfalfa but the fields have not been registered. We have the grower's affidavit that the seed is Grimm. We do not recommend you to plant this if you are going to raise seed, but for hay purposes will be just as good as the certified, and at a considerable saving. We buy only from reliable growers, investigate origin of seed, select the best lots. Purity and germination tests are often as high or higher than certified seed.

	10 lbs.	50 lbs.	100 lbs.
Lewis-Clark .....	3.70	17.50	34.00
Fancy .....	3.60	17.00	33.00

#### **AFFIDAVIT COSSACK**

This is an exceptionally hardy alfalfa introduced from Siberia. It is a heavy yielder as well as being very cold and drouth resistant. Similar to Grimm. Considered a better yielder than Grimm on heavy soils.

	10 lbs.	50 lbs.	100 lbs.
Lewis-Clark .....	4.00	19.00	37.00

#### **CERTIFIED LADAK ALFALFA**

Ladak Alfalfa is a new hardy, somewhat wilt-resistant variety introduced by the United States Department of Agriculture from Northern India. Tests in the Pacific Northwest and other northern states have shown it to be as hardy as Grimm or Cossack and a better yielder. It is especially well suited for seeding on thin, clay points. This variety is well adapted to areas infested with alfalfa wilt. Being a new variety the amount of seed grown in the United States is comparatively small and present supply limited. Our seed is grown under strict certification rules.

	10 lbs.	50 lbs.	100 lbs.
Blue Tag (highest grade) ....	4.70	22.00	43.00
Red Tag (2nd highest grade)	4.50	21.50	42.00

#### **MEDIUM RED CLOVER**

Medium Red Clover is conceded to be the most important of the clovers. It is a valuable crop for either hay or pasture, and at the same time builds up the soil. It has been proven that it is a success on the uplands of this district, and is one of the most profitable crops raised. A large, profitable hay crop can be raised, or the field can be clipped early and the second crop saved for seed.

	10 lbs.	50 lbs.	100 lbs.
Lewis-Clark .....	2.60	12.00	23.00
Fancy .....	2.50	11.50	22.00

**Alsike Clover**

This is the best clover to plant in high altitudes or cold, wet lands. When mixed with Red Top or Timothy, makes an excellent hay. We have a stock of extra select lots on which we can quote very attractive prices.

	10 lbs.	50 lbs.	100 lbs.
Lewis-Clark	2.25	10.50	20.50
Fancy	2.15	10.00	19.50

**Mammoth Red Clover**

Grows very large. Is used quite extensively for plowing under.

	10 lbs.	50 lbs.	100 lbs.
Lewis-Clark	2.75	13.00	25.00
Fancy	2.60	12.50	24.00

**Mixed Alsike and Red Clover**

We have a limited supply of mixed Alsike and Red Clover seed. This is Fancy, recleaned seed and at the price we are offering this it is an extra good buy for dairymen for hay. 10 lbs. \$2.25; 50 lbs. \$10.00; 100 lbs. \$19.00.

**Ladino Clover**

Ladino is a tall-growing variety of white clover which has proven its great worth as a pasture clover. Here in Idaho it has yielded twice as much pasture as Blue Grass and grows tall enough to cut for hay. The clover that the dairymen has been looking for. Price per lb. \$1.50, postpaid.

**White Clover, Small Dutch**

White Clover is especially valuable when mixed with Kentucky Blue Grass for either lawns or pastures.

	1 lb.	10 lbs.
Lewis-Clark Quality, postpaid	.75	7.00

**Sweet Clover, White Blossom**

Sweet Clover is rapidly coming into more popular use as its good qualities are becoming better known. The features that make Sweet Clover so valuable are its ability to thrive and produce good hay or a good pasture on poor soil, at the same time improve the soil on which it is growing.

It is being used more and more through this section of the country for pastures, and the use will be more general when its ability to withstand drouth and to produce good green feed through the hot summer months is better known.

Almost every farm has a piece of land that is hard to farm, or the soil is too poor to raise a grain crop, that if seeded to Sweet Clover would produce a large amount of valuable feed, and at the same time build up the soil.

White Blossom Sweet Clover is the popular and standard variety. It is a biennial, growing from 4 to 6 feet tall.

	10 lbs.	50 lbs.	100 lbs.
Lewis-Clark	1.60	7.00	12.50

**Yellow Blossom Sweet Clover**

This variety of Sweet Clover is about two weeks earlier than the White Blossom and does not grow as tall or coarse. 10 lbs. \$1.75; 50 lbs. \$7.50; 100 lbs. \$13.50.

**Gypsum or Land Plaster**

In almost every section of the Northwest you can in-

crease your yield of Alfalfa and Clovers from 25 to 75 per cent by applying Gypsum at the rate of 100 pounds to the acre each year. See page 29 for price.

**Clovers and Alfalfas Add Nitrogen to the Soil**

But only when nodules containing bacteria are on the roots. These bacteria take the free nitrogen of the air and put it into such form as to make it available for plant use.

If these bacteria are not present, clovers and alfalfas can do but little toward enriching the soil. To make sure that your clover or alfalfa has plenty of bacetria, inoculate the seed with NITRAGIN before sowing.

INOCULATE ALL LEGUME SEEDS WITH

**NITRAGIN**

FORTY YEARS OF SERVICE

When ordering, Always state name of seed.

**ALFALFA, all Clovers**

Size	Retail
1/2 bu. each...	\$ .30
1 bu. each...	.50
2 1/2 bu. each...	1.00

**LESPEDEZA**

Size	Retail
1 bu. each....	\$ .30
2 bu. each....	.50
5 bu. each....	1.00

**PEAS (All Varieties)****VETCHES (All Varieties)**

1/2 bu. each...	\$ .25
1 bu. each...	.40
1 1/2 bu. each...	.60
5 bu. each...	1.70
12 1/2 bu. each...	4.00

**SOYBEANS, LIMA BEANS, COW PEAS, PEANUTS**

1 bu. each....	\$ .30
2 bu. each....	.50
5 bu. each....	1.00
10 bu. each....	1.60
25 bu. each....	3.00

**BEANS**

String, Wax, Kidney
1/2 bu. each...
1 bu. each...
5 bu. each...

**GARDEN SIZE**

Garden Peas & Beans
Sweet Peas & Lupines
Enough for 4 lbs. seed

Retail Price 10c each

**Spring Vetch**

Spring Vetch is used for the same purpose as Hairy Vetch, but must be planted in the spring. Lewis-Clark Quality, less than 100 lbs., 10c per lb.; 100 lbs. \$8.00.

**Winter or Hairy Vetch**

This is a hardy, valuable crop for either forage or fertilizer. Thrives on nearly all soils and grows 4 to 5 feet long. Being a legume, it is a great soil-builder. Can be sown either in the spring or fall. When it is to be cut for hay, it is best to sow some grain with it to act as a support. It can be cut twice, or used as pasture after the first crop has been taken off. Although an annual, it resows itself and will come up on the same ground for several years. Lewis-Clark Quality, 1 lb. 15c; 10 lbs. \$1.40; 50 lbs. \$6.50; 100 lbs. \$12.50.



## FIELD CORN, North Idaho Grown

Our corn is carefully selected and graded, and is thoroughly acclimated for seed planting.

Please write for prices.

## Millet

Millet is especially adapted to a section with a small amount of rainfall and hot weather. Produces an abundance of fine hay that ranks in food value with Timothy. Should be sown about the same time corn is planted.

Lewis-Clark Quality	1 lb.	10 lbs.	50 lbs.	100 lbs.
German Millet .....	.10	.85	4.00	7.50
Siberian Millet .....	.10	.85	4.00	7.50
Hungarian Millet .....	.10	.85	4.00	7.50
Hog Millet .....	.10	.85	4.00	7.50



Field Peas

## Field Peas

Peas are a very profitable crop, and will also build up the land by returning the much needed nitrogen to the soil. The clovers alone rank higher than peas in their enriching properties. The vines can be used for hay, or the peas threshed and used for feed. Next to corn, peas have a higher feeding value than any other grain. Sow 100 to 120 pounds per acre. All our peas are northern grown, selected stock.

Please write for prices.

## Field Beans

Please write for prices.

## Seed Grain

**BEARDLESS SPRING RYE.** Spring Rye is a very important and profitable crop. It is used for replacing winter grain that has failed, or planted as a grain crop. Beardless Spring Rye is very hardy, yields heavily, and is preferred for stock feeding, as the usual beards (about 1 inch long) mostly break off in handling.

Please write for prices.

**ROSEN RYE.** A fall and winter rye introduced from Russia. The grain is much larger than the common variety and the yield almost double. Also used extensively for spring planting for pasture.

Please write for prices.

**HULLESS or BALD BARLEY.** A rapid-growing variety of barley which is grown successfully in our western country, and is one of the best crops for green feed. Can be used for hay, but must be harvested in the milk stage. Will make excellent grain if allowed to mature, and when ground is very good feed for stock. Will make a large crop of grain in dry seasons when others fail. It has no beards and threshes out the same as wheat. Recleaned, selected stock.

Please write for prices.

**BEARDLESS BARLEY.** Is as easily grown and handled as either oats or wheat, and is a very desirable crop on account of its earliness and adaptability to almost any kind of soil. Beardless Barley is a splendid feed for all farm stock, and cattle, sheep, horses and hogs will thrive and fatten on it. Is one of the best grains for hay, especially for horses, and is used extensively by the stock men in this district. There is a short crop this season and suggest that you order early. Recleaned, selected stock.

Please write for prices.



## Wheat

### Recleaned, Selected Stock

**Lewis-Clark Quality**—Marquis, Certified Jenkins Club, Blue Stem, Early Baart.

Please write for prices.

## Oats

### Recleaned, Selected Stock

Our oats are grown in the northern part of the state on new land, which has been especially prepared for the purpose. The seed is carefully selected and recleaned, being free from wild oats. **Lewis-Clark Quality**, "Markton".

Please write for prices.

## Sorghums

Sorghums are used both for fodder and pasture. As a fodder crop they yield a large quantity of high quality feed. As a pasture for sheep or hogs it is unequaled; when grazed down it will quickly start up again, thus affording a large amount of pasture during the summer months. Our seed is northern grown, selected stock.

Lewis-Clark Quality	1 lb.	10 lbs.	100 lbs.
Amber Sugar Cane.....	.10	1.00	8.00
White Kaffir Corn.....	.10	1.00	8.00
Feterita .....	.10	1.00	8.00



Barley

# NEW CROP GARDEN SEEDS

## ASPARAGUS

One of the early spring vegetables which can be produced very easily and cheaply and is a profitable market crop. A bed 15x50 feet, requiring about 100 plants, should give a sufficient supply for the average family. One ounce of seed will produce 800 or more plants. Sow in drills and thin to 3 inches in a row. At the end of the first year transplant into permanent carefully prepared beds, cultivate to a depth of 24 inches; manure deeply, using old manure and bone meal. A bed 5 feet wide will carry three rows. The plants should be spaced 18 inches apart in a row.

**MARTHA WASHINGTON**—An early maturing variety, rust resisting and a large producer. Price: Pkt. 5c; oz. 15c; 1/4 lb. 35c; 1/2 lb. 65c; lb. \$1.25.

**PALMETTO**—Extra early and uniform large stalks. Very popular with shippers. The shoots are a light green, slightly tinted with pink. Price: Pkt. 5c; oz. 10c; 1/4 lb. 30c; 1/2 lb. 50c; lb. 85c. For Roots see page 19.



## TABLE BEETS

Sow seed as early in the spring as ground can be worked. Can be sown in rows 15 to 18 inches apart, and about 1 1/2 inches deep. It is advisable to soak seed in water for 24 hours before planting. 1 oz. to 50 ft. drill; 5 to 6 lbs. per acre.

**EARLY WONDER** (58 Days)—Valuable to gardeners as a first early variety. Used also for fall planting. Tops medium small, erect. Roots semi-globular, blood red, with small tap roots. Tender and of good quality. A few days earlier than Egyptian. Price: Pkt. 5c; oz. 10c; 1/4 lb. 30c; 1/2 lb. 55c; 1 lb. 90c.

**EXTRA EARLY EGYPTIAN** (60 Days)—Fine for forcing an early crop; about ten days earlier than the Early Blood. Makes fine, smooth, almost flat, very dark red beets; firm, crisp and tender. Price: Pkt. 5c; oz. 10c; 1/4 lb. 30c; 1/2 lb. 55c; 1 lb. 90c.

**EARLY BLOOD TURNIP** (65 Days) — Extra early, and somewhat turnip-shaped, smooth roots. The flesh is a fine deep blood red. The foliage is small. Popular for market and the home garden. Price: Pkt. 5c; oz. 10c; 1/4 lb. 30c; 1/2 lb. 55c; 1 lb. 90c.

**DETROIT DARK RED** (68 Days)—A fine beet for bunching for the market; tops exceptionally small and uniformly upright. The roots are perfect turnip-shape with small tap roots. One of the deepest red beets. Quality is of the finest; sweet and tender. One of the best for home gardens. Price: Pkt. 5c; oz. 10c; 1/4 lb. 30c; 1/2 lb. 55c; 1 lb. 90c.

**CRIMSON GLOBE** (70 Days)—Fine form, with smooth skin. The tender flesh is deep purplish crimson, slightly zoned; foliage small, of a rich bronze-purple. Price: Pkt. 5c; oz. 10c; 1/4 lb. 30c; 1/2 lb. 55c; 1 lb. 90c.

**ALL PRICES ON THIS PAGE ARE POSTPAID  
UP to THIRD ZONE**



## SWISS CHARD

Grown for its large, tender, succulent leaves, which make the most delicious greens, or the thick, fleshy stalks, which are cooked and served like asparagus. The seed is planted in the spring the same as beets, and tops are cut off as wanted during the summer, fall and following spring. Price: Pkt. 5c; oz. 10c; 1/4 lb. 30c; 1/2 lb. 55c; 1 lb. 90c.

## STOCK BEETS

Stock beets and mangels are high in food value and should be grown by everyone having livestock. They also make excellent feed for chickens. It is not unusual to produce 15 to 25 tons to the acre. Plant sufficient so that the milch cows can get their share, and you will increase the flow considerably.

**MAMMOTH LONG RED**—The best long red mangel; is very productive, often yielding 50 tons to the acre. It grows well above ground and is easily harvested. Price: Pkt. 5c; 1/4 lb. 15c; 1/2 lb. 30c; 1 lb. 50c; 10 lbs. \$4.50.

**GIANT HALF SUGAR**—One of the most valuable for feeding stock. It unites the large size of the mangel with the great feeding value of the sugar beet. Price: Pkt. 5c; 1/4 lb. 15c; 1/2 lb. 30c; 1 lb. 50c; 10 lbs. \$4.50.

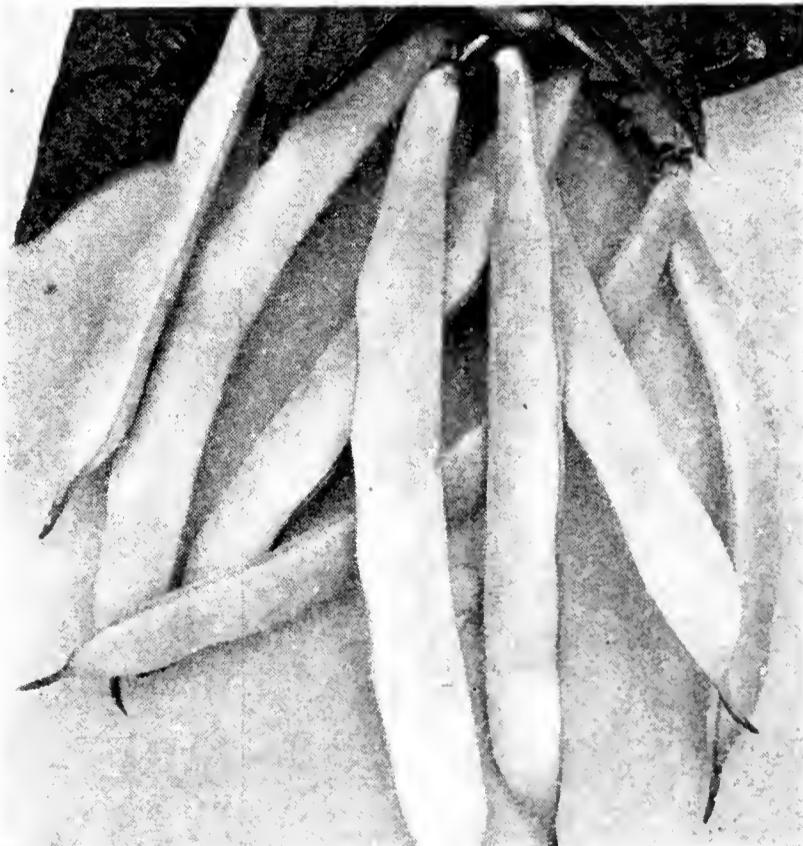
**GOLDEN TANKARD**—Dairy farmers state they are able to obtain higher prices for milk when feeding cows on Golden Tankard. Sheep thrive on it. Golden Tankard is rich, deep yellow throughout. Early, hardy and a heavy cropper. Price: Pkt. 5c; 1/4 lb. 15c; 1/2 lb. 30c; 1 lb. 50c; 10 lbs. \$4.50.

**DANISH SLUDSTRUP**—Long, reddish-yellow, grows well above ground and is easy to pull. Has repeatedly been awarded a first-class certificate by the Danish government. Price: Pkt. 5c; 1/4 lb. 15c; 1/2 lb. 30c; 1 lb. 50c; 10 lbs. \$4.50.

## BEANS

Plant beans after danger of frost is past in a warm, well prepared seed bed. One pound of seed is sufficient for 100-foot row.

Price: All varieties, 1/4 lb. 10c; 1/2 lb. 15c; 1 lb. 30c; 5 lbs. \$1.25.



BUSH WAX PODDED VARIETIES

**BRITTLE WAX or ROUND POD KIDNEY WAX**—52 days to picking. An outstanding home garden variety. Plant large, erect, vigorous and productive. Pods handsome in appearance, medium yellow, round, slightly curved, extremely brittle, fleshy, succulent, absolutely stringless and free of fibre.

**DAVIS WHITE WAX**—55 days to picking. A prolific white seeded variety with long straight, uniform, attractive pods.

**IMPROVED GOLDEN WAX**—49 days to picking. A very popular early, home garden variety. Plant small and erect. Pods straight, flat, golden yellow, stringless and fleshy.

## BEANS—Continued

### BUSH GREEN POD VARIETIES

**BURPEE'S STRINGLESS**—53 days to picking. An early, sturdy productive, green podded bean of excellent quality. Pods round, medium green, very meaty, perfectly stringless and fibreless and of excellent quality.

**GIANT STRINGLESS**—54 days to picking. A favorite stringless green podded sort for the home garden or market. Plant large, sturdy, prolific. Pods round, meaty, entirely stringless and very brittle.

**BOUNTIFUL**—50 days to picking. An important early variety for market and home gardens. Plant medium large, prolific, thrifty. Pods flat, light green, stringless, slightly fibrous and of good quality.

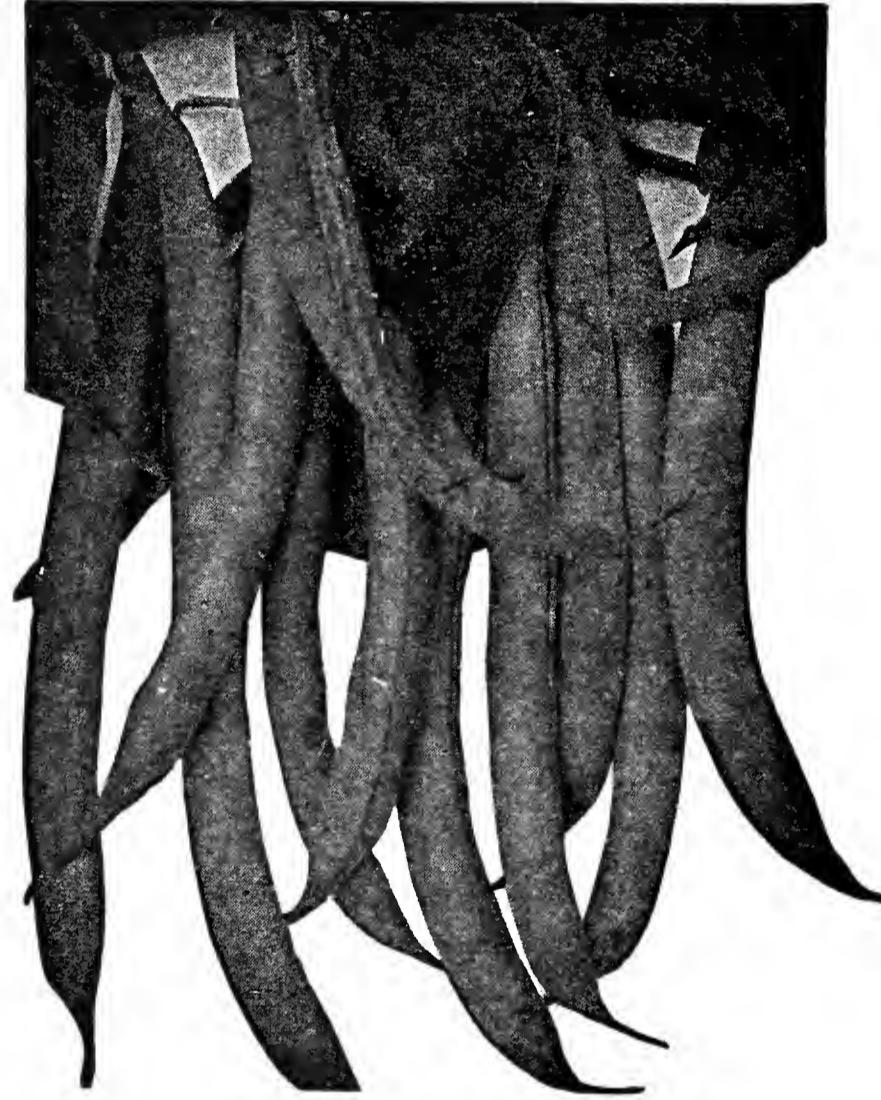
**NEW STRINGLESS**—53 days to picking. A new introduction which has proven to be very hardy and a dependable yielder. Plant large, erect. Pods nearly straight, dark green, round, meaty, succulent, absolutely stringless, entirely fibreless and of outstanding quality.

### POLE VARIETIES

**KENTUCKY WONDER**—65 days to picking. A vigorous green podded pole bean adapted for home and market garden use. Pods round, succulent, meaty, of good quality. This variety is a strong climber and heavy yielder.

**KENTUCKY WONDER WAX**—66 days to picking. The most popular wax podded pole variety. Plant vigorous, good climber, very productive. Pods waxy yellow, flat, meaty and good quality.

**OREGON GIANT GREENPOD**—Pods 9 to 10 inches long, curved, thin walled well filled. Waxy green splashed with purple.



LIMA BEANS

**HENDERSON'S IMPROVED BUSH**—77 days to picking. The most commonly grown bush lima bean. Plant large, erect, vigorous and productive. Dry beans flat, somewhat wrinkled, white with a greenish tinge.

## STOCK CARROTS

Stock carrots are one of the most valuable stock foods and very heavy yielders. Recommended for horses and colts, as well as for cattle and chickens.

**LARGE YELLOW BELGIAN**—A good keeper and a large yielder. Makes long roots, yellow flesh and yellow skin except about one-third which grows above ground. Easily pulled and makes excellent stock food. Price: Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 40c; lb. 75c; 5 lbs. \$3.50.

**LARGE WHITE BELGIAN**—Extensively grown for stock feeding, very productive. Grows so much above ground that the crop can be pulled by hand. Price: Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 40c; lb. 75c; 5 lbs. \$3.50.

## CARROTS

**CULTURE**—Carrots will do well in any good, well prepared soil. May be sown as early as the ground can be worked. Sow in rows 15 inches apart, and when about 3 inches high, thin to about 2 inches in the row. Use 1 oz. to 100 ft. drill; 3 lbs. per acre.

**OXHEART** (72 Days)—A thick carrot, 5 or 6 inches long and very blunt at the lower extremity. It grows very rapidly and the root attains a weight of more than a pound. It is tender and of good flavor. Price: Pkt. 5c; oz. 15c; 1/4 lb. 35c; 1/2 lb. 60c; 1 lb. \$1.00.

**HALF LONG CHANTENAY** (72 Days)—One of the best carrots for all purposes. Medium early, about 6 inches long, blunt ended, smooth, fine grained, sweet and sugary. An excellent table carrot and a heavy yielder. Price: Pkt. 5c; oz. 15c; 1/4 lb. 35c; 1/2 lb. 60c; lb. \$1.00.

**DANVER'S HALF LONG** (75 Days)—Grown largely on account of its productiveness and adaptability to all classes of soil. Tops, medium size, coarsely divided. The smooth, handsome roots are of medium length, tapering uniformly to a blunt point; flesh sweet, crisp, tender; deep orange in color. Price: Pkt. 5c; oz. 15c; 1/4 lb. 35c; 1/2 lb. 60c; lb. \$1.00.

**NANTES or CORELESS** (70 Days)—The roots are cylindrical, smooth and of a bright orange color. The flesh is orange, becoming yellow in the center, but very tender throughout and almost coreless. This variety is of the finest quality and is one of the most symmetrical and handsome of the medium-sized sorts. Price: Pkt. 5c; oz. 15c; 1/4 lb. 35c; 1/2 lb. 60c; lb. \$1.00.

**IMPERATOR** (76 Days)—Attractive orange colored roots 7 to 8 inches long with shoulders 2 inches in diameter. A favorite variety for the home as well as the market gardener. Grows just the right size and shape for bunching. Price: Pkt. 5c; oz. 15c; 1/4 lb. 35c; 1/2 lb. 60c; lb. \$1.00.

## MIX PLEASURE WITH ECONOMY

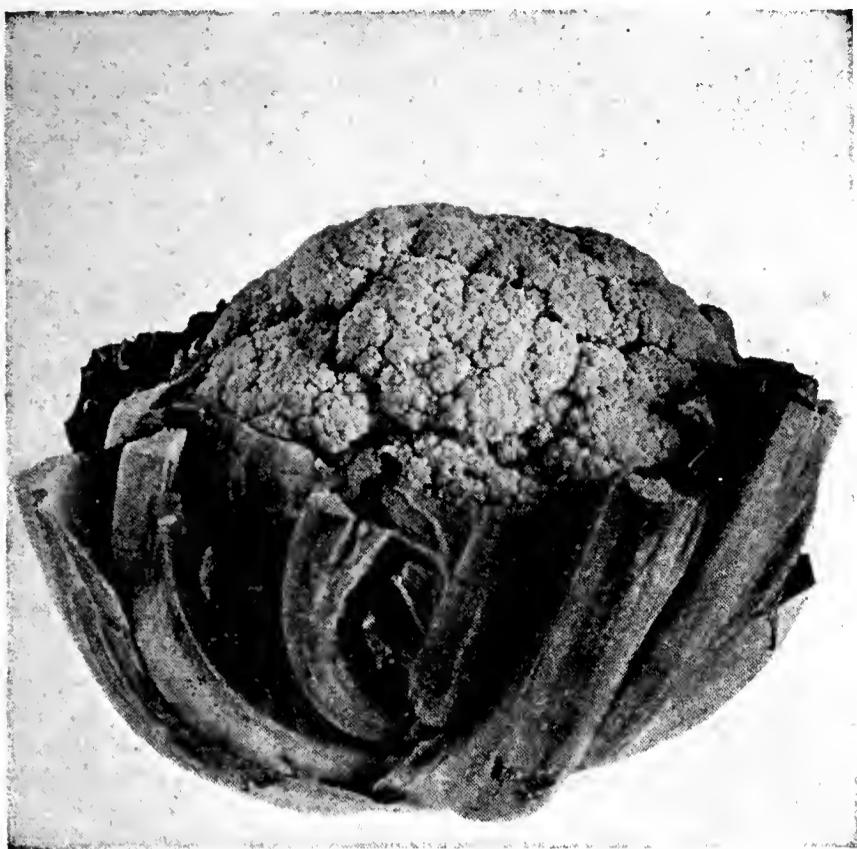
Plant a Garden



♦

FOR FERTILIZERS SEE

PAGE 32



## CAULIFLOWER

Cauliflower will succeed on soil that will produce cabbage, but best results will be obtained on rich loam with an abundance of water. Sow early varieties in hot beds in February or March. Later varieties sow in a well prepared bed in May. When large enough transplant in rows 2½ feet apart and 18 inches apart in the rows.

**"MT. HOOD" SNOWBALL**—Without doubt the best strain of "Early Snowball" for the gardener to use. Earlier and produces large, solid, white heads. Recommended for either early or late planting. Price: Pkt. 25c; ¼ oz. 65c; oz. \$2.00; ¼ lb. \$7.00.

**EARLY SNOWBALL**—This is the common strain of Imported "Early Snowball" and while it will not give as good results as the "Mt. Hood" it will produce a good crop. Price: Pkt. 10c; ¼ oz. 50c; oz. \$1.75; ¼ lb. \$5.50.

**DANISH, DRY WEATHER**—Produces large, solid, pure white heads. Is especially adapted for growing in dry locations where other varieties would fail. Pkt. 10c; oz. \$1.75.

**AUTUMN GIANT**—Produces large, compact, white heads, well protected by foliage. Pkt. 10c; oz. 60c.

FOR PLANTS SEE PAGE 18

## CELERY

**CULTURE**—Sow the seed early, February or March, in hot beds or cold frames; when 3 to 4 inches high, transplant to rows 4 feet apart and 6 inches apart in the row. The rows should be furrowed out so that plants may be set 6 inches deep. A few weeks before harvesting, the soil can be banked against the rows for blanching. One ounce of seed will produce about 5,000 plants. Keep the plants growing—cultivate after watering.

**GOLDEN SELF BLANCHING**—This is considered the best celery for the early spring market. Very stocky, hardy, solid, a good shipper. Yellowish green color when young, but as the plants mature the inner stems and leaves turn a golden yellow; easily blanched. Postpaid, pkt. 10c; oz. 50c.

**WHITE PLUME**—One of the most popular for early fall and winter use. Very easily grown and blanched. The earliest celery. Postpaid, pkt. 10c; oz. 50c.

## CELERIAC—TURNIP ROOTED CELERY

The large root is the edible portion, and is highly valued for flavoring soups or boiling with stews and other dishes. As seed takes three to four weeks to germinate, keep the sowing moist until the young seedlings appear, and when large enough to handle, transplant seedlings to stand 8 to 10 inches apart each way. Price: Pkt. 10c; oz. 25c; ¼ lb. 85c.

ALL PRICES ON THIS PAGE ARE POSTPAID  
UP TO THIRD ZONE

## CABBAGE

**CULTURE**—For early plants sow seed in January or February under glass, hardened off gradually by exposing to outside air, and as early as the ground is in good condition transplant to rows 3 feet apart and 18 inches apart in row. For late plants the seed may be sown in the field. One ounce for 2000 plants; ½ lb. of seed per acre.

**EARLY FLAT DUTCH** (70 Days)—A valuable second early variety, producing very large, compact, flattened heads of good quality; sometimes nearly as large as Late Flat Dutch, which they resemble in appearance. Price: Pkt. 5c; oz. 15c; ¼ lb. 60c; ½ lb. \$1.10; lb. \$2.00.

**DANISH BALLHEAD** (100 Days)—Select Short-Stem. Our strain of short-stem Ballhead is imported direct from Denmark. The fine ribbed leaves are so densely packed together that no space is left for water or air to start decay and the firm heads are famed for their superior excellence and keeping qualities. Matures late; when cut shows a fine, hard, snowy white, solid head. The best in its class. Price: Pkt. 5c; oz. 15c; ¼ lb. 60c; ½ lb. \$1.10; lb. \$2.00.

**COPENHAGEN MARKET**—The earliest round-headed cabbage offered today. It is as early as Jersey Wakefield. Heads are larger and fully as solid. Price: Pkt. 5c; oz. 15c; ¼ lb. 60c; ½ lb. \$1.10; lb. \$2.00.

**CABBAGE PLANTS**—Hardy out-door grown plants, standard varieties. See page 18.

**PREMIUM LATE DUTCH** (100 Days)—This improved strain possesses all the good qualities of the old favorite, "Late Flat Dutch", one of the largest of the late varieties and is a sure header. Price: Pkt. 5c; oz. 15c; ¼ lb. 60c; ½ lb. \$1.10; lb. \$2.00.

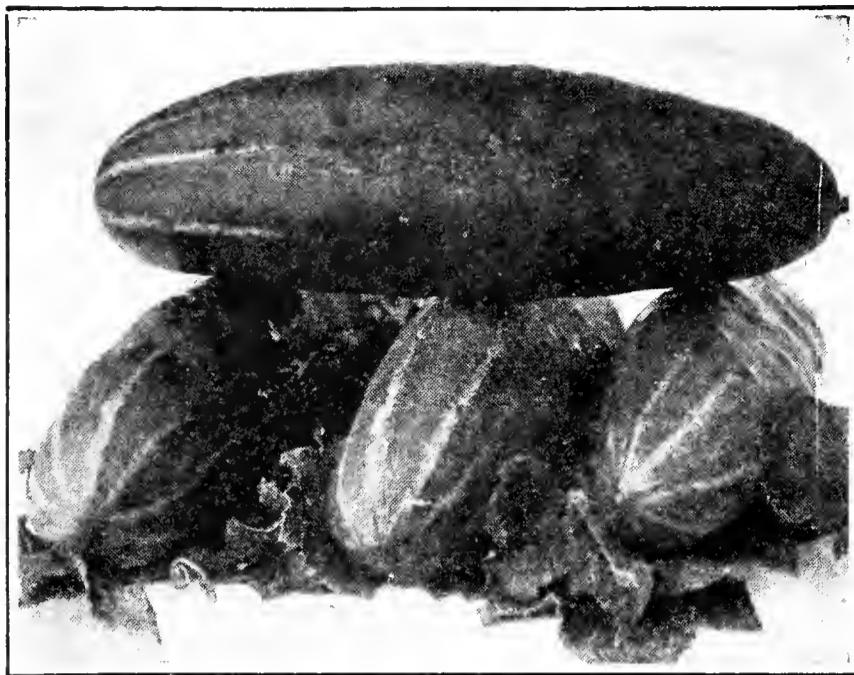
**GOLDEN ACRE** (65 Days)—A new variety, seven days ahead of the Jersey Wakefield. Heads are round, firm, and of exceptionally fine texture, heavy mid-ribs being entirely absent. Average weight is about 4 pounds to the head and have only a few outer leaves. Price: Pkt. 5c; oz. 15c; ¼ lb. 60c; ½ lb. \$1.10; lb. \$2.00.

**LARGE RED DRUMHEAD or RED DUTCH** (130 days)—A well known standard. Heads of large size, slightly rounded, 7 to 8 inches in diameter. Price: Pkt. 5c; oz. 15c; ¼ lb. 60c; ½ lb. \$1.10; lb. \$2.00.

**CHINESE or CELERY CABBAGE, PE TSAI** (75 Days)—A delicious new vegetable. The plants develop quickly, forming large, tightly folded heads, well blanched in the heart. Chinese cabbage can be served as a salad or cole slaw; when boiled is more tender and palatable than ordinary cabbage. Price: Pkt. 10c; oz. 15c; ¼ lb. 60c.

**EARLY JERSEY WAKEFIELD** (65 Days) — The favorite early cabbage with our market gardeners. A sure header. The thick, stout leaves and compact habit make it the best for wintering over and very early setting. Grown more extensively for market than any other early cabbage. Is always of good size, very solid, with few leaves. A reliable header and always gives good satisfaction. Price: Pkt. 5c; oz. 15c; ¼ lb. 60c; ½ lb. \$1.10; lb. \$2.00.





## CUCUMBERS

**CULTURE**—Cucumbers need a warm, rich soil and should not be planted in the open ground until danger of frost is over. Plant in hills 4 feet apart each way, thinning to 3 or 4 of the strongest plants. One ounce will plant 50 hills; 2 pounds to the acre.

**LONG GREEN** (70 Days)—The fruits are long, firm and crisp, excellent for slicing, or when small they are good for pickling. The vines are very sturdy and very productive. The fruits are uniform in size and shape, slender, often a foot long, and very dark green. The best variety for sweet pickles. Price: Pkt. 5c; oz. 10c; 1/4 lb. 35c; 1/2 lb. 55c; 1 lb. \$1.00.

**LEMON** (65 Days)—As its name indicates, the shape and color resemble a lemon. It is used for pickling and in salads and is entirely distinct from the plant known as Garden Lemon. Reaches edible size in less than 60 days. Price: Pkt. 5c; oz. 15c; 1/4 lb. 45c; 1/2 lb. 70c; 1 lb. \$1.25.

**WEST INDIA GHERKIN** (60 Days)—A very small, oval, prickly sort, distinct from all others. It is grown for pickles only and must be used when young. Price: Pkt. 5c; oz. 10c; 1/4 lb. 35c; 1/2 lb. 55c; 1 lb. \$1.00.

**THE "DAVIS PERFECT"** (65 Days)—The "Davis Perfect" is of perfect form, large size and of finest color; is crisp, delicious, and almost seedless. This fine variety comes from the originator of the Davis Wax Bean, is one of the most valuable varieties for home or market. Price: Pkt. 5c; oz. 10c; 1/4 lb. 35c; 1/2 lb. 55c; 1 lb. \$1.00.

**EARLY WHITE SPINE** (60 Days)—One of the most popular early cucumbers. Price: Pkt. 5c; oz. 10c; 1/4 lb. 35c; 1/2 lb. 55c; 1 lb. \$1.00.

**BOSTON PICKLING** (55 Days)—A very productive variety; extensively grown for pickles. The fruits are bright green, of medium size, smooth and symmetrical. The flesh is crisp and tender. Price: Pkt. 5c; oz. 10c; 1/4 lb. 35c; 1/2 lb. 55c; 1 lb. \$1.00.

Put Up Your Own Cucumber Pickles

## SWEET CORN

**CULTURE**—Do not plant until all danger of frost is past. Plant in hills 18 inches apart, rows 3 feet apart. All suckers should be removed. Have green corn throughout the season by planting a variety. Plant in the following order: Early Portland Market, Golden Bantam, Stowell's Evergreen.

**GOLDEN SUNSHINE** (74 Days)—Earlier than Golden Bantam, stalks about 5 ft. The quality is good and ears average 5 to 6 inches. A desirable yellow variety for a first early. Price: 1/4 lb. 10c; 1/2 lb. 15c; 1 lb. 25c; 5 lbs. \$1.00.

**GOLDEN EVERGREEN** (100 Days)—A cross between Golden Bantam and Stowell's Evergreen. Stalks 6 1/2 to 7 ft. bearing ears 7 to 8 inches long, a good canning variety. Price: 1/4 lb. 10c; 1/2 lb. 15c; 1 lb. 25c; 5 lbs. \$1.00.

**GOLDEN BANTAM** (80 Days)—The earliest and the sweetest yellow-grained sugar corn. Although the ears are not large, this is more than made up by its deliciously sweet flavor and tenderness. The ears are about 6 inches long and at least two ears borne on each stalk. Can be planted earlier than other sugar corn. Price: 1/4 lb. 10c; 1/2 lb. 15c; 1 lb. 25c; 5 lbs. \$1.00.

**EARLY MINNESOTA** (75 Days)—This old and deservedly popular variety is one of the best early sorts for the market and private garden. Price: 1/4 lb. 10c; 1/2 lb. 15c; 1 lb. 25c; 5 lbs. \$1.00.

**COUNTRY GENTLEMAN** (93 Days)—The sugary sweetness and delicious flavor make this old-time favorite one of the most desirable varieties. The slender white irregular kernels are very long, the cob small, making much more to the ear than any other variety. Price: 1/4 lb. 10c; 1/2 lb. 15c; 1 lb. 25c; 5 lbs. \$1.00.

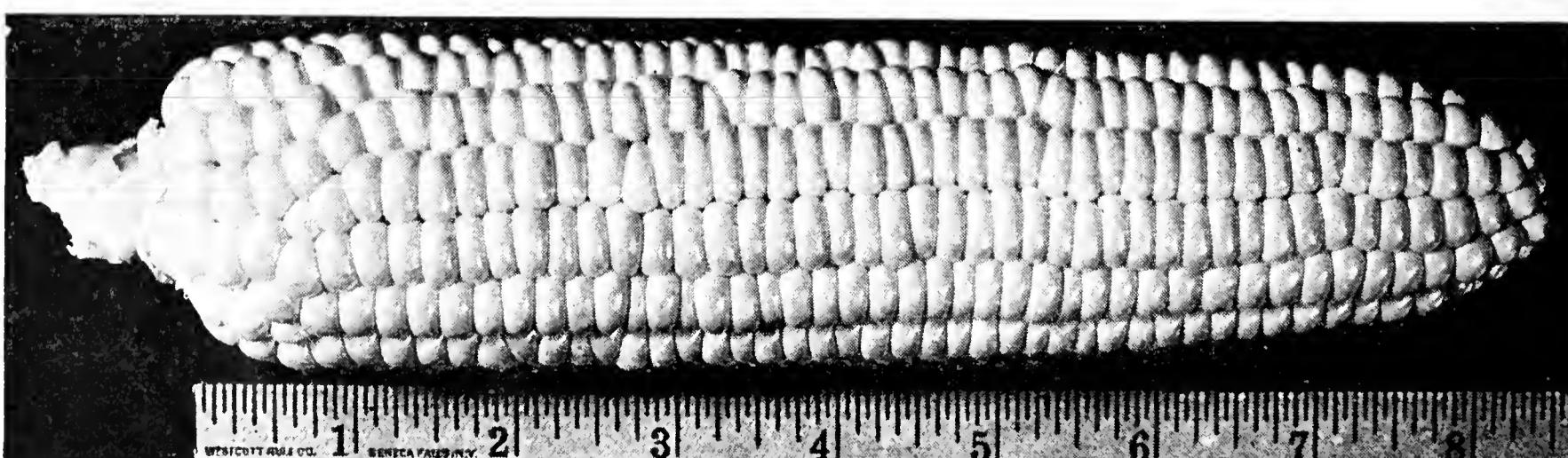
**STOWELL'S EVERGREEN** (95 Days)—Remarkable for remaining a long time in a fresh condition suitable for the table. Hardy and productive and the best for late variety for general use. Price: 1/4 lb. 10c; 1/2 lb. 15c; 1 lb. 25c; 5 lbs. \$1.00.

**GOLDEN GIANT** (88 Days)—A cross of Golden Bantam and Howling Mob. This is the largest of the yellow varieties, the ears measuring up to 8 inches long. The cob is small and contains from 12 to 18 rows of long, thick grains. Corn sweet and of very fine flavor and is becoming very popular. Price: 1/4 lb. 10c; 1/2 lb. 15c; 1 lb. 25c; 5 lbs. \$1.00.

TREAT YOUR CORN WITH SEMESAN JR.

SWEET CORN IS SWEETER  
WHEN HOME CANNED

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## LETTUCE

**CULTURE**—One of the most popular vegetables grown. The quickest growing types are the loose leaf varieties. We suggest for the home a few rows of both the leaf and heading types. Two ounces will plant 150 feet of row; 3 pounds to the acre.

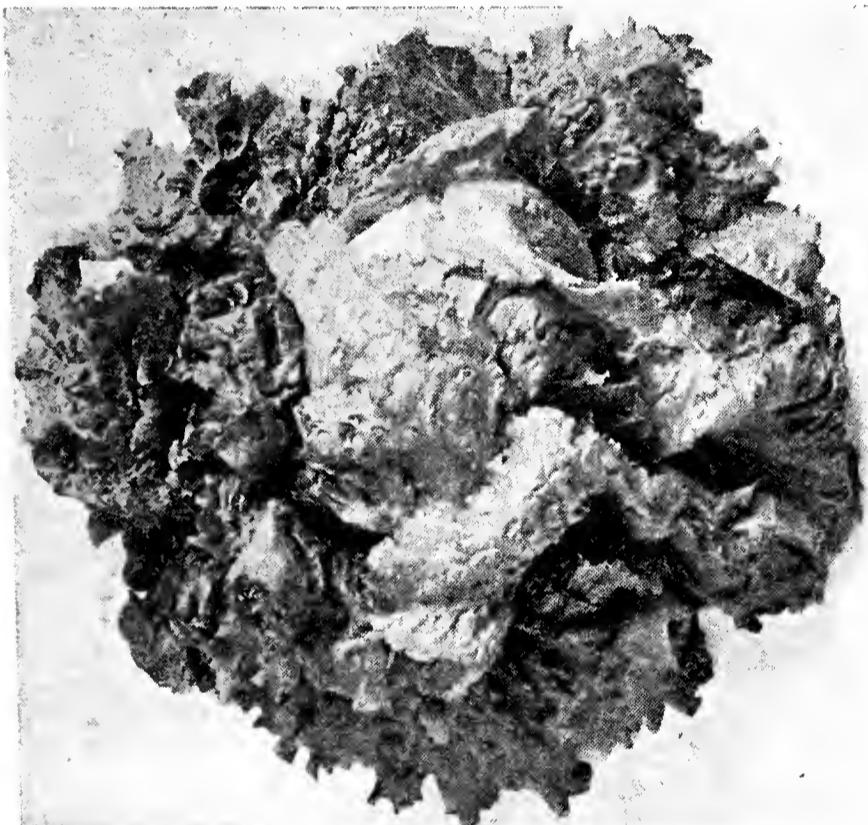
**EARLY CURLED SIMPSON** (60 Days)—A standard variety for forcing or for early outdoor culture. The leaves, in loose clusters, are light green in color, slightly frilled and much blistered, are crisp, tender and sweet. **Price:** Pkt. 5c; oz. 10c; 1/4 lb. 30c; 1/2 lb. 55c; lb. \$1.00.

**BLACK SEDED SIMPSON** (65 Days)—A very crisp and tender forcing variety. **Price:** Pkt. 5c; oz. 10c; 1/4 lb. 30c; 1/2 lb. 55c; lb. \$1.00.

**GRAND RAPIDS** (60 Days)—Among the curled lettuce there is no better for forcing, and it does splendidly outdoors if sown in the fall or early spring. Does not form heads, but large, compact clusters crimped around the edges; crisp and tender. One of the easiest to grow under glass. **Price:** Pkt. 5c; oz. 10c; 1/4 lb. 30c; 1/2 lb. 55c; lb. \$1.00.

**IMPROVED HANSON HEAD** (65 Days)—A fine old favorite heading variety, crisp and brittle. Heat resisting. **Price:** Pkt. 5c; oz. 10c; 1/4 lb. 30c; 1/2 lb. 55c; lb. \$1.00.

**CHICKEN LETTUCE**—This variety grows to a height of 4 or 5 feet and is similar to kale. It does not head and is not used for table purposes. The wonderful leaf growth makes it ideal for chickens and rabbit green feed. **Price:** Pkt. 5c; oz. 10c; 1/4 lb. 30c; 1/2 lb. 55c; lb. \$1.00.



**NEW YORK or WONDERFUL, Special No. 12** (80 Days)—The universal popular variety, thriving in all sections and during all seasons. A crisp, cabbage-heading lettuce, extremely large, sometimes 15 inches in diameter and weighing 2 to 3 pounds. It is deep rooting, stands heat well, is slow to run to seed and especially adapted for growing during the summer months. It is a sure header under the most trying conditions. The interior is beautifully blanched, creamy white, crisp, tender and delicious. Especially recommended as a standard, main crop, hot weather lettuce. Very popular with market gardeners and is equally good for home use. **Price:** Pkt. 5c; oz. 15c; 1/4 lb. 40c; 1/2 lb. 70c; lb. \$1.25.

**PRIZEHEAD** (75 Days)—A large, clustering, non-heading lettuce, easy to grow and an excellent variety for the home garden, but not recommended for market, as it is too tender to stand shipping and handling. The leaves are bright green, tinged with red; crisp, tender and sweet. **Price:** Pkt. 5c; oz. 10c; 1/4 lb. 30c; 1/2 lb. 55c; lb. \$1.00.

We make a specialty of supplying seed to the market gardeners and make every effort to handle only the very best strains obtainable. We do not claim to compete with houses whose main idea is to sell at a low price regardless of quality. In such cases the seed is not cheap but very dear at any price. The first cost of good seed is small compared with the time and labor necessary to raise a crop.

The Lettuce you buy is never as crisp as that cut fresh from your own garden.

## WATERMELONS

**CULTURE**—Watermelons do best on light, well drained soils, but give good results on any rich garden soil that is well cultivated. One ounce of seed will plant 30 hills; 3 to 4 pounds to an acre.

**HALBERT HONEY** (82 Days)—The introducer describes this as equal in flavor and as handsome as the Kleckley's Sweets and much more productive. A long, early melon, with dark, rich, glossy green rind, crimson flesh and sweetness that is unsurpassed. Fine for home use and home market, but is too thin and brittle to stand shipment. **Price:** Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 45c; lb. 85c.

**TOM WATSON** (95 Days)—One of the most popular shipping melons grown. Large and mottled, flesh red. **Price:** Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 45c; lb. 75c.

**COLE'S EARLY**—Very early. A good variety for either the home garden or for market. Flesh deep red. **Price:** Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 45c; lb. 85c.

**GEORGIA RATTLESNAKE**—Very large. Flesh dark red, of excellent flavor. **Price:** Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 45c; lb. 85c.

**BLACK SEDED KLONDIKE** (85 Days)—One of the sweetest and most prolific melons on the market. Seeds are about half the size of others. Flesh deep red, skin dark green. As the seeds are so small, 1 pound will go as far as 2 of most other varieties. **Price:** Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 45c; lb. 85c.

**STRIPED KLONDIKE**—An oblong, sweet melon, light green skin with dark stripes. Average weight 20 to 25 lbs. The thick rind makes it a good shipper. **Price:** Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 45c; lb. 85c.

**GOLDEN HONEY** (90 Days)—A desirable yellow meated variety. Thin rind, golden yellow flesh, remarkably tender and sweet. First choice with many customers for home use. **Price:** Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 45c; lb. 85c.

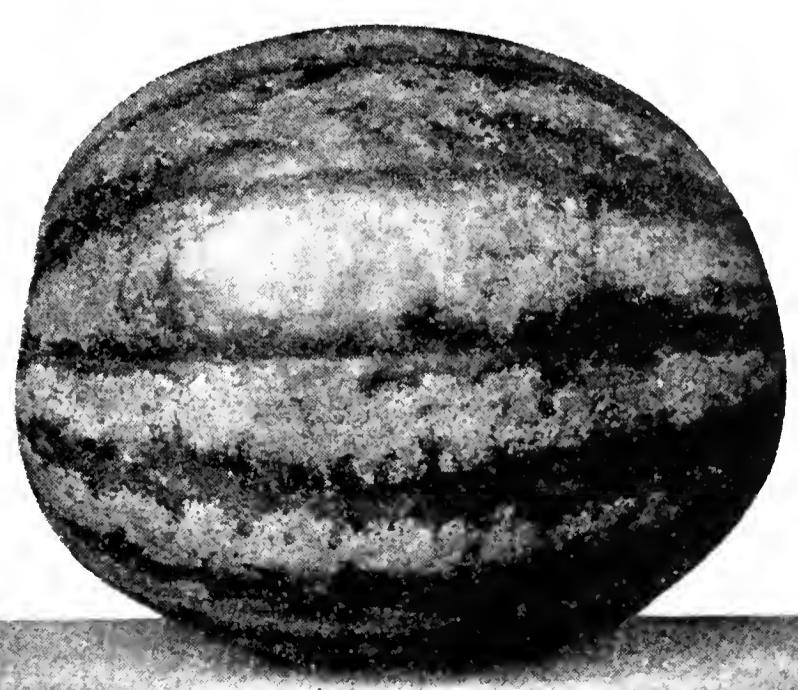
**ICE CREAM or PEERLESS**—The excellent quality of this very early melon is undoubted. Medium size, thin rind, bright, scarlet flesh. **Price:** Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 45c; lb. 85c.

**WINTER QUEEN** (95 Days)—Sometimes called the "Christmas" watermelon, as it ripens about the first of September and can be kept until Christmas without losing any of its quality. Best adapted to sandy soils, and produces good sized melons, light green to ivory in color, and almost round in shape. Bright pink flesh, very solid, crisp and juicy. Claimed by many to be sweeter than any other melon grown. Don't fail to plant some of this variety. **Price:** Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 45c; lb. 85c.

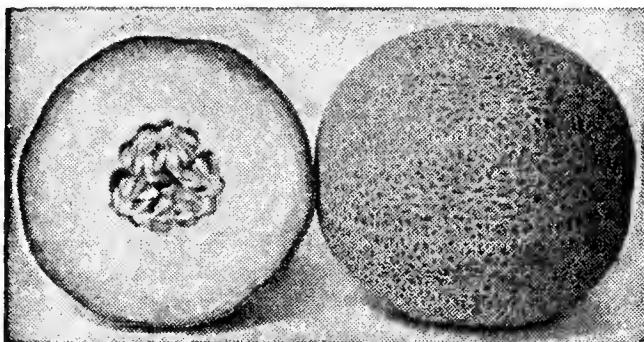
**KLECKLEY'S SWEETS or MONTE CRISTO** (85 Days)—A splendid sort for home use or near markets. Vine vigorous and productive; fruit of a medium size, oval; color dark mottled green in two shades, forming indistinct stripes. Flesh a beautiful rich red. Exceedingly sweet and tender. **Price:** Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 40c; lb. 75c.

**CITRON**—Grown for preserving and pickling. **Price:** Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 45c; lb. 75c.

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## MUSKMELONS or CANTALOUPES



**CULTURE**—After all danger of frost is past, plant in hills 4 to 6 feet apart. Do not plant too deep; 1 ounce to 50 hills; 2 to 3 pounds to acre.

**BURRELL'S GEM** (95 Days)—The fruits are 6 to 7 inches long by 4½ to 5 inches in diameter, rather sharply sloping at the ends. Well ribbed and covered with a fine grayish netting. The skin is rich dark green, contrasting finely with the deep orange-salmon flesh; sweet and tender. The flesh is thick and firm, ripening close to the skin. Price: Pkt. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.00.

**BANANA** (100 Days)—A long, salmon fleshed variety of good flavor, growing about 15 inches long. Price: Pkt. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.00.

**HEARTS OF GOLD** (94 Days) — Shape slightly oblong, medium size, skin thin, flesh a rich deep orange color, fine grained and of remarkable sweetness and spicy flavor. Very small seed cavity. No other melon equals it for shipping purposes. Price: Pkt. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.00.

**EXTRA EARLY HACKENSACK** (80 Days)—This is a selection of the popular Hackensack, ripening fully 10 days earlier. Melons of good size, heavily ribbed and netted, thick, light green flesh and fine flavor. Quickly taking the place of the ordinary Hackensack. Price: Pkt. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.00.

**SALMON TINTED POLLOCK 10-25** (93 Days)—Meat of fine texture, deep and firm. Color of meat green one-half the depth from rind, the remaining one-half a deep salmon color. Flavor the finest. Price: Pkt. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.00.

**ROCKY FORD** (92 Days)—No other cantaloupe finds such ready sale in the large markets; it is always in demand at good prices. Very uniform in size and quality, thickly netted, distinctly ribbed and firm flesh. Price: Pkt. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.00.

**EARLY OSAGE** (90 Days)—A fine melon for nearby markets, large and uniform in size. Flesh is orange salmon colored, fine grained, firm, spicy and sweet. Price: Pkt. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.00.

**HALE'S BEST** (85 Days)—A fine, early shipping variety of excellent quality. Used extensively in the Imperial Valley. Melons are oval in shape, 8 inches long by 4½ inches in diameter, heavily netted. Flesh thick, of deep salmon color. Price: Pkt. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.00.

**HONEY DEW** (112 Days)—Fruits with smooth, almost white rind, measuring about 6 inches in diameter by 7 to 8 inches long. The green flesh is thick and is of a peculiar sweet flavor. To have the melons in the best condition, gather as soon as they slip from the vine and store in a cool place for two or three days. Price: Pkt. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.00.

**CASABA** (110 Days)—A large, green-fleshed melon. A good yielder and keeper. Price: Pkt. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.00.

**NEW GOLDEN HONEY DEW** (110 Days)—A new melon developed in the Rockyford, Colorado, district. Has a rich, golden orange flesh, spicy and sweet. A long keeper. Price: Pkt. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.00.

**EARLY WATERS NETTED GEM**—The earliest strain of the "Rockyford". It sets a very heavy first crop. Price: Pkt. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.00.

## ONION SEED

**CULTURE**—On land that is thoroughly plowed, disked and harrowed, sow onion seed in rows 18 inches apart, using 2 to 4 pounds to the acre. Planting should be done as early as the ground can be properly worked.

**YELLOW GLOBE DANVERS** (125 Days)—A very popular variety, especially for market. It is globular in form; very solid and one of the best shippers. The skin is brownish yellow and the flesh is fine grained, creamy white, crisp, mild and of excellent flavor. One of the best main crop. Price: Pkt. 5c; oz. 20c; ¼ lb. 70c; ½ lb. \$1.10; lb. \$2.00.

**SWEET SPANISH** (120 Days)—A large, sweet onion, introduced into this country from Spain in recent years, and can be grown very successfully here. The onions are equal to those that used to be imported. Has no bite nor objectionable strength, being mild, sweet flavored, fine, firm meat of tender texture. Price: Pkt. 5c; oz. 25c; ¼ lb. 75c; ½ lb. \$1.30; lb. \$2.20.

**WHITE PORTUGAL or SILVER SKIN** (125 Days)—Bulb flattened, thick through, skin is clear, white, flesh mild and of fine flavor. It is grown extensively for sets and pickling onions and is the best white sort for this purpose. Used extensively in the spring for green and bunching onions. Price: Pkt. 5c; oz. 25c; ¼ lb. 75c; ½ lb. \$1.30; lb. \$2.20.

**LARGE RED WETHERSFIELD** (125 Days) — A standard variety; one of the most productive kinds, even in poor soil. Its good keeping qualities render it one of the best for shipping. Price: Pkt. 5c; oz. 20c; ¼ lb. 55c; ½ lb. \$1.00; lb. \$1.90.

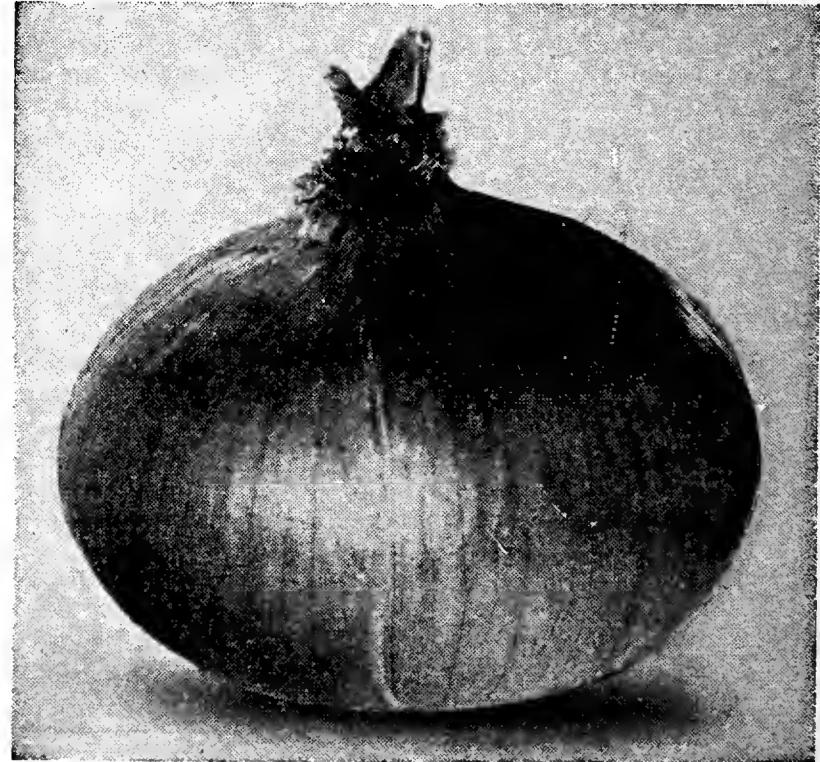
**CRYSTAL WAX (White Bermuda)**—A medium sized pure waxy white onion, and one of the mildest grown. The seed is imported from Teneriffe, Canary Islands, and has always given very satisfactory results. Price: Pkt. 5c; oz. 30c; ¼ lb. \$1.00; ½ lb. \$1.85; lb. \$3.50.

**WHITE PEARL or QUEEN** (95 Days)—The best of all for small pickles and the earliest maturing onion in cultivation. The bulbs are small, pure white and uniform in size and shape. Price: Pkt. 5c; oz. 20c; ¼ lb. 70c; ½ lb. \$1.10; lb. \$2.00.

**PRIZETAKER** (135 Days)—The handsomest and largest Yellow Globe onion. Of fine flavor, handsome shape and enormous size. A perfect globe shape, with a bright straw-colored skin; the necks are very small and the onions always ripen up hard. Price: Pkt. 5c; oz. 20c; ¼ lb. 70c; ½ lb. \$1.10; lb. \$2.00.

**SOUTHPORT WHITE GLOBE** (120 Days) — Wonderful yielders of firm, solid, handsome globe-shaped onions; sure croppers and splendid keepers. Price: Pkt. 5c; oz. 25c; ¼ lb. 75c; ½ lb. \$1.25; lb. \$2.25.

**YELLOW BERMUDA** (120 Days)—This valuable onion is the most profitable variety for the grower. It is easily cultivated, grows to a large size and is very mild in flavor. Price: Pkt. 5c; oz. 25c; ¼ lb. 90c; ½ lb. \$1.60; lb. \$3.00.

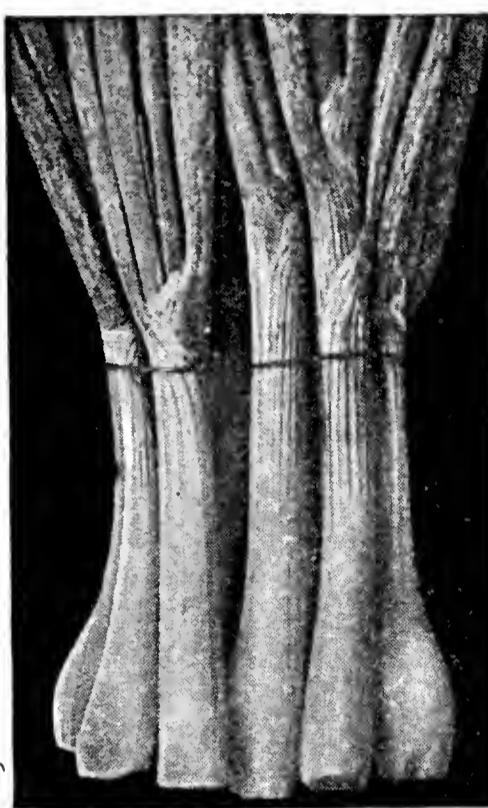


NO ORDER TOO SMALL OR TOO LARGE

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## ONION SETS

	1 lb.	2 lbs.
Top Sets .....	.20	.35
Bottom Yellow Danvers.....	\$ .20	\$ .35
Garlic Sets .....	.25	



### BERMUDA ONION PLANTS

The new way of raising the large, mild, sweet onion. These onions are not grown from sets but from plants. You can raise them in your own garden and get as good onions as those that are shipped in from Texas. These are the same kind of plants that the Texas growers are using. They grow fast, and can be used for green onions or you can allow them to mature. The plants are field grown and are well hardened and will stand shipping and transplanting. A large number of our growers had fine success with them last year. They come packed 100 in a bunch.

Write for prices.

## OKRA or GUMBO

CULTURE—Seed can be planted from middle of March until the latter part of August. 1 oz. of seed to 50 foot row. This vegetable produces long and nutritious pods which when young are used in soups and stews, adding a rich flavor.

WHITE VELVET—Pods round, smooth and free from seams. Fine flavor. Pkt. 5c; oz. 10c; 1/4 lb. 25c.

## GARDEN PEAS

Peas should be planted in generous amounts in every home garden. By a careful selection of varieties and frequent delayed plantings one can have a continuous crop throughout most of the season. Make the first planting as early in the spring as the soil can be prepared.

Price:	1/4 lb.	1/2 lb.	1 lb.	5 lbs.
Alaska .....	.10	.15	.25	1.10
All other varieties.....	.10	.15	.30	1.25

### EARLY AND MID-SEASON VARIETIES

ALASKA—57 days to picking. Vigorous growing vines from 24 to 30 inches in height. The round pods, 3 inches long, contain 5 to 8 small, round, tender peas. Seed small, round and bluish green.

AMERICAN WONDER—61 days to picking. An early, dwarf, stocky, vigorous variety, growing 12 to 15 inches high. Vines dark green. Pods medium green, 3 inches long, well filled with 6 peas of excellent quality. Seed wrinkled, green.

NOTT'S EXCELSIOR — 62 days to picking. Similar to American Wonder but with somewhat taller vine. Vines dark green and vigorous. Pods medium green, 3 inches long, well filled with 6 to 7 medium sized tender peas. Seed wrinkled, green.

PREMIUM GEM—62 days to picking. A productive, early wrinkled home garden variety. Vines medium green, 18 inches tall, pods 3 inches long, medium green, containing 6 to 7 peas of good quality. Seed wrinkled, green.

GRADUS—65 days to picking. Earliness and high quality are combined in this wrinkled, large podded variety. Vines medium green, 36 inches tall and bear pods 4 to 4½ inches long filled with 8 to 10 large sweet, tender peas. Seed large, wrinkled, cream with green.

THOMAS LAXTON—62 days to picking. A popular medium early variety adapted for home and market garden use. Vines medium green, 36 to 44 inches tall, bearing a large number of 4 to 4½ inch pods. These are well filled with large, tender peas which retain their sweetness and flavor over a long period. Seed large, wrinkled, cream with green.

LITTLE MARVEL—62 days to picking. A favorite early wrinkled variety of unusually high quality and yield. Valuable for home gardens and shipping. Vines dark green, stocky, 18 inches tall. Pods dark green, plump, well filled with 7 to 8 tender, sweet peas. Seed squarish, wrinkled, green.



Peas

BLUE BANTAM—63 days to picking. A splendid large podded variety of the Laxtonian type. Vine stocky, 18 inches high. Pods dark green, 4 inches long, containing 6 to 8 large deep green peas of excellent quality. Seed large, wrinkled, cream with green.

LAXTONIAN—62 days to picking. One of the better large podded, dwarf, wrinkled varieties. Similar to Gradus in quality but only one-half as tall. Vines dark green, sturdy, bearing 4-inch pods. These contain eight large peas of high quality. Seed large, flattened, wrinkled, cream with green.

LAXTONS PROGRESS—62 days to picking. The largest podded and most attractive of the Laxtonian group. Popular for shipping, freezing, home and market gardens. Vines medium dark green, sturdy. Pods 4 to 4½ inches long, curved, containing 7 to 9 large peas of good quality.



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## GARDEN PEAS—Continued

### LATE VARIETIES

**ASGROW NO. 40**—75 days to picking. A late dwarf variety of large pod size suitable for home or market gardens. This variety is unequalled in pod size and is of excellent quality. Vines 24 to 28 inches high, very stocky, branching. Pods dark green, very plump, contain 8 to 10 large succulent peas of fine flavor. Seed large, wrinkled green.

**DWARF TELEPHONE**—75 days to picking. A late, large podded highly productive sort. Vines light green, stocky. Pods light green, attractive, contain 8 to 10 peas of good flavor. Seed large, wrinkled, green with bluish cast.

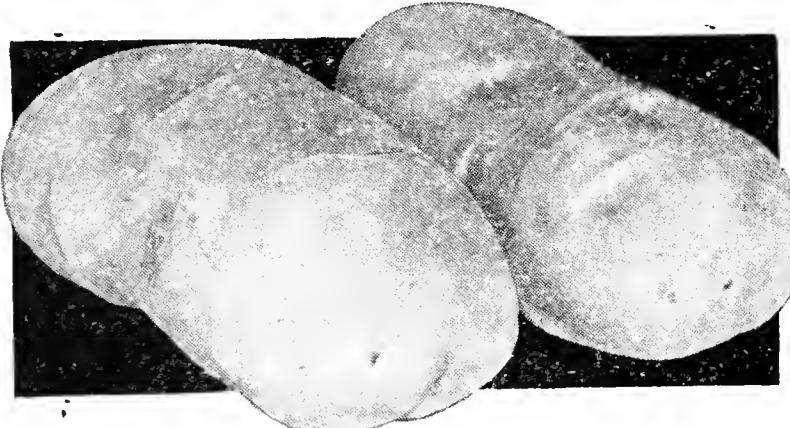
**TALL TELEPHONE**—74 days to picking. A handsome large podded, tall variety. Vines dark green, coarse, 40 inches tall. Pods 4½ to 5 inches long, plump, contain 8 to 10 peas of large size and finest quality. Seed large, wrinkled light green.

**IMPROVED STRATAGEM**—76 days to picking. A superior late variety for home or market garden. Vines 24 to 28 inches high, deep green, stocky. Pods dark green, large, plump, contain 8 to 10 tender, succulent peas. Seed large, wrinkled, green.

**EVERBEARING**—76 days to picking. A long bearing variety for the home and market garden. Vines 28 to 32 inches, dark green, coarse. Pods light green, plump, contain 4 to 5 large peas of sweet marrowy flavor. Seed large, wrinkled, light green.

**DWARF GREY SUGAR**—68 days to picking. A prolific edible podded variety for home garden. Vines 28 inches, slender, wiry with purple blossoms. Pods 3 inches, curved, strongly indented between the peas. Delicious when cooked same as wax beans. Seed small, mottled, grey, round.

## SEED POTATOES (Non-Irrigated)



Our seed potatoes are dryland grown under our personal supervision. Selected seed is used and the fields thoroughly roged and only the strong healthy plants left to mature.

There will very likely be a shortage of some varieties and we cannot tell at time of getting this catalog printed just what varieties we will have. However, we will try to carry the kinds listed. Please write for prices and tell us the variety and quantity you are interested in, and we will quote promptly.

**IDaho EARLY IRISH COBBLER**—A splendid extra early variety, and the best for early market. The tubers are handsome, almost round, larger than most other early potatoes, and uniform in size and shape. Prolific yielders. The skin is creamy white.

**BLISS TRIUMPH**—One of the earliest and largest yielders. Tubers are round and smooth. Pink color.

**EARLIEST OF ALL**—It is about two weeks earlier and more productive than many other varieties. It is a round, white potato, very similar to Irish Cobbler, is uniform in size and shape, smooth, and of fine quality.

**EARLY RED OHIO**—Grown on high, dry land. One of the best pink potatoes, similar to Early Rose. Tubers round, oblong shape, eyes rather shallow but strong. A heavy yielding, dependable variety. An old favorite that is still popular.

**NETTED GEM**—Sometimes called California Russet, Burbank, Idaho Russet, etc. A splendid main crop late potato that gives good results in dry sections. Tubers are elongated, medium sized, with russet netted skin; flesh white; eyes are flush with surface; good keeper and produces a fine yield. This is the variety grown extensively by irrigation in Washington and Idaho for baking. Our stock is extra choice of the most improved type.

**KATAHDIN**—Originated in Maine by the U. S. Dept. of Agriculture, and the Government spent \$250,000 in producing this variety. It is white, slightly oval, very smooth and has shallow eyes. It ripens about a week earlier than the intermediate varieties. A very uniform type and its cooking and eating qualities are unsurpassed.

## PUMPKINS

**CULTURE**—Pumpkins can be planted with corn, or in the field by themselves. Plant in hills 8 by 10 feet each way; leave four strong plants to the hill; ½ pound of seed to 100 hills, 3 to 5 pounds per acre.

**SWEET or SUGAR (118 Days)**—A handsome and productive small pumpkin. Skin orange, flesh deep yellow, fine grained, very sweet. This is the famous "New England Pie Pumpkin". Price: Pkt. 5c; oz. 10c; ¼ lb. 35c; ½ lb. 50c; lb. 80c.

**GIANT OF ALL (120 Days)**—"King of Mammoths." This colossal pumpkin is almost a globe shape. The skin is of a beautiful rich golden yellow, flesh firm, fine grained and deep yellow, sweet flavored, very thick and of excellent quality for so mammoth a variety. These pumpkins attain an enormous size and will carry away prizes at your county fair. Price: Pkt. 5c; oz. 10c; ¼ lb. 35c; ½ lb. 50c; lb. 80c.

**CONNECTICUT FIELD (120 Days)**—A large, productive, orange colored field pumpkin, usually grown for stock, but good for pies. Price: Pkt. 5c; oz. 10c; ¼ lb. 35c; ½ lb. 50c; lb. 80c.

**KENTUCKY FIELD or LARGE CHEESE (120 Days)**—A popular variety. Skin mottled light green and yellow, changing to rich cream color. Flesh yellow, thick and very nutritious. Excellent for pies and also grown in large quantities for stock. Price: Pkt. 5c; oz. 10c; ¼ lb. 25c; ½ lb. 40c; lb. 75c.

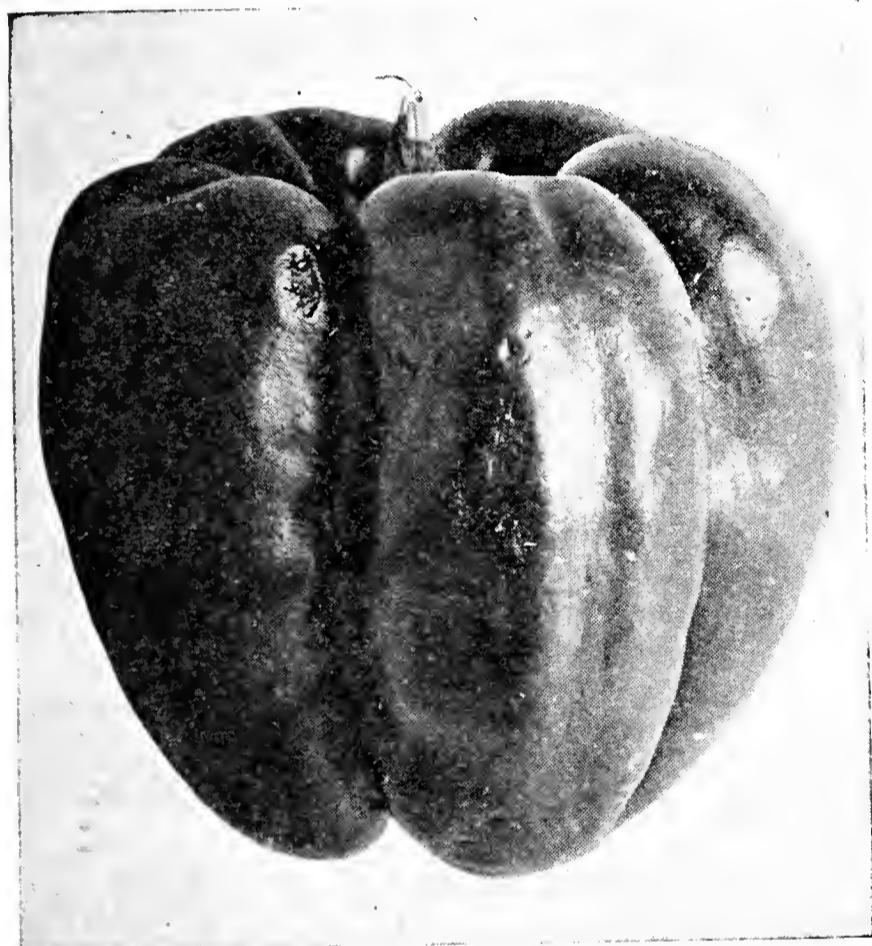




## PARSNIPS

**CULTURE**—As parsnip seed germinates very slowly, sow as early in the spring as possible in rows 18 inches apart. Thin to 3 or 4 inches. The roots are improved by freezing.

**HOLLOW CROWN or LONG WHITE**—Roots very long, white, smooth, tender, sugary, and most excellent flavor. Very hardy; will keep through the winter without protection. **Prices:** Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 45c; lb. 75c.



## PEPPERS

**CULTURE**—Sow early in hot beds. When 3 to 4 inches tall transplant to well cultivated and highly fertilized soil. One ounce to 1500 plants.

**CHINESE GIANT** (80 Days)—Very mild in flavor and a favorite for the home garden. Rich, deep green when immature and bright scarlet red when ripe. Flesh thick, mild and sweet.

**RUBY KING** (69 Days)—An ideal pepper for either the home or market gardener. Fruit grows to a size of 4 to 5 inches in length and 3 to 3 1/2 inches in diameter. Color, dark green when young, turning to a bright red. Flesh thick, crisp and tender.

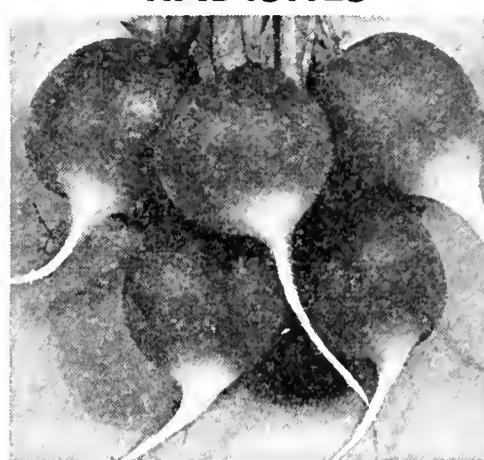
**LARGE BELL or BULL NOSE** (60 Days)—Large, mild, thick fleshed variety. Fine for stuffing.

**CAYENNE** (70 Days)—Pods small, long and tapering. Coral red when ripe, very hot and strong. Best kind for seasoning pickles.

**CHILI** (82 Days)—Pods small and pointed; bright scarlet; very pungent when ripe. **Prices:** Pkt. 5c; oz. 35c. All varieties. All Peppers postpaid.

FOR PLANTS SEE PAGE 18

## RADISHES



**CULTURE**—To have radishes crisp and tender, they must be grown quickly, and therefore require good soil and plenty of moisture. Plant the seed as early as possible, and for a successive supply until late in the season, sow at intervals of ten days in ground that has been deeply dug. Radishes can also be grown between rows of beets, lettuce, etc. One ounce will sow 100 feet of drill.

**Prices:** Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 45c; lb. 75c.

**CRIMSON GIANT**—Roots large, globular, 1 to 1 1/2 inches in diameter, deep crimson color. Flesh white, firm and fine quality.

**EARLY SCARLET WHITE TIPPED** (26 Days)—This is the favorite little round, red radish with the white tip. Planted early in the spring it matures in 21 to 25 days. They are crisp and tender, and the flesh is snowy white.

**EARLY SCARLET GLOBE** (24 Days)—A small, round, red, turnip-shaped radish, with small top and very quick growth; very early; rich color and crisp; tender flesh.

**EARLY LONG SCARLET** (27 Days)—An early variety of long type of radish, popular for market as well as home use. The roots are straight, long and smooth.

**FRENCH BREAKFAST** (25 Days)—This radish is a great favorite for family use and home gardens. Olive shaped, of rich scarlet color, shading gradually to white at the tip. Should be pulled for eating when about medium size.

**WHITE ICICLE** (27 Days)—This superb radish is the finest and longest of the very early, pure white varieties. Planted in the spring, is ready for use in 20 to 25 days. Their long, slender form and pure, paper white skin are most attractive when bunched for market.

## WINTER VARIETIES

**BLACK SPANISH** (56 Days)—An excellent winter radish. Skin black, flesh white and highly flavored.

**CHINA ROSE** (52 Days)—Do not sow this variety earlier than July, and pull before severe frost. Is a very good keeper. The China Rose is shorter and thicker than the Long Scarlet, and is bright rose in color. Flesh is very solid and white.

**WHITE CELESTIAL**—Large roots, 8 to 10 inches long, 2 1/2 to 3 inches in diameter. Cylindrical with heavy shoulder. Flesh white, crisp and mild flavored.

## RHUBARB or PIE PLANT

**CULTURE**—Rhubarb is as easily grown from seed as from roots. It will grow almost anywhere in the garden, is very productive and will thrive for years. Sow in drills 1 inch deep, 3 to 6 inches apart. In the fall, transplant into good rich soil, about 4 feet apart each way.

**VICTORIA**—The best variety for family use. Is hardy, and of excellent flavor. Where good table quality is desired, the Victoria cannot be beaten. **Prices:** oz. 20c; 1/4 lb. 60c; 1/2 lb. \$1.00; lb. \$1.90.

FOR ROOTS SEE PAGE 18

RAISE AND STORE YOUR  
VEGETABLES  
FOR WINTER USE

ALL PRICES ON THIS PAGE ARE POSTPAID  
UP TO THIRD ZONE

## SQUASH

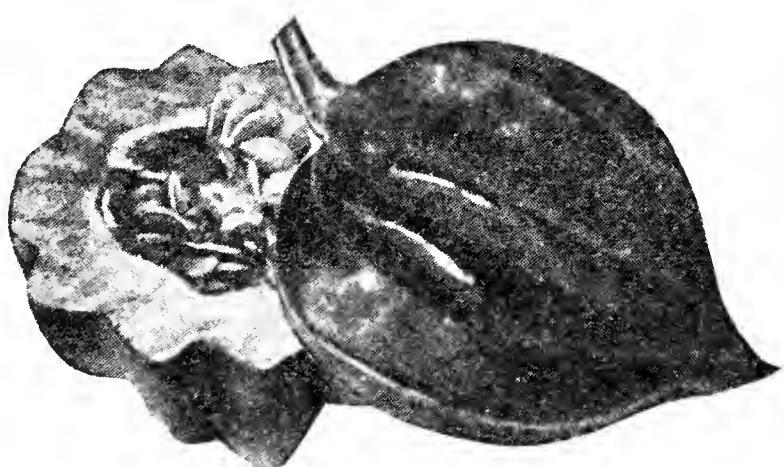


**CULTURE**—The squash is one of our most valuable and nutritious of vegetables. Both the summer and winter varieties should be planted to secure a continuous supply throughout the summer and winter. One ounce will plant 25 hills; 4 pounds to the acre.

**IMPROVED HUBBARD** (105 Days)—An improved strain of the old well-known standard variety. The flesh is a rich golden yellow color, very fine grained, solid and sweet. The shell is very hard. An excellent keeper. Price: Pkt. 5c; oz. 15c; 1/4 lb. 35c; 1/2 lb. 60c; lb. \$1.10.

**GOLDEN HUBBARD** (100 Days)—The same shape as the Improved, but the color of the shell is a deep orange-yellow. Flesh deep golden yellow. Fine grained; cooks very dry and of excellent flavor. Price: Pkt. 5c; oz. 10c; 1/4 lb. 30c; 1/2 lb. 50c; lb. 90c.

**BANANA** (105 Days)—A great favorite wherever grown and growing in popularity every year. Grows from 1 to 2 feet long. Color bright yellow to olive green. Flesh orange colored, firm and solid. Recognized as the sweetest squash grown. Price: Pkt. 5c; oz. 15c; 1/4 lb. 35c; 1/2 lb. 60c; lb. \$1.10.



**ACORN or TABLE QUEEN** (58 Days)—Sometimes called the Des Moines or Individual. This is a small, acorn-shaped squash, with dark green skin. Flesh golden yellow. Are served individually by cutting open lengthwise from stem to blossom end, cleaning out seed and placing a large lump of butter in one half, place the two halves together again, bake, serve in the shell. Price: Pkt. 5c; oz. 15c; 1/4 lb. 35c; 1/2 lb. 60c; lb. \$1.10.

**SIBLEY or PIKE'S PEAK** (85 Days)—Smooth shell, thin and a pale green color; the flesh is thick, solid, deep orange color. Very dry, fine grained and a fine flavor. A good keeper. Price: Pkt. 5c; oz. 10c; 1/4 lb. 30c; 1/2 lb. 50c; lb. 90c.

**BOSTON MARROW** (99 Days)—The favorite fall and winter squash of the eastern states. Of large size. Color a deep orange. Excellent flavor and a good keeper. Price: Pkt. 5c; oz. 10c; 1/4 lb. 30c; 1/2 lb. 50c; lb. 90c.

**MAMMOTH CHILE** (100 Days)—This is the great exhibition squash and under special cultivation will attain a great weight and is very attractive in appearance. The skin is a rich orange-yellow, the flesh yellow and very thick. Always fine grained and sweet. A good winter keeper of highest value as a stock feed. Price: Pkt. 5c; oz. 15c; 1/4 lb. 35c; 1/2 lb. 60c; lb. \$1.10.

**SUMMER CROOKNECK** (50 Days)—Very early, prolific, solid curved neck, skin yellow, thin. Flesh tender and good quality. Price: Pkt. 5c; oz. 10c; 1/4 lb. 30c; 1/2 lb. 50c; lb. 90c.

**EARLY WHITE BUSH SCALLOP** (53 Days)—An extra early variety that is ready for use before any of the other varieties. Easy to grow and should be in all gardens, large or small. Vines will continue to bear if fruit is kept picked off. Price: Pkt. 5c; oz. 10c; 1/4 lb. 30c; 1/2 lb. 50c; lb. 90c.

## SALSIFY or VEGETABLE OYSTER

One ounce will sow about 50 feet of row. Sow about 1 inch deep. Salsify is one of the most delicious and nutritious of vegetables. Soups and salads made from it have a delicious oyster flavor. Is nice fried in butter or boiled and made into fritters.

**MAMMOTH SANDWICH ISLAND**—The largest variety and the most popular. Price: Pkt. 5c; oz. 15c; 1/4 lb. 50c; 1/2 lb. 85c; lb. \$1.50.

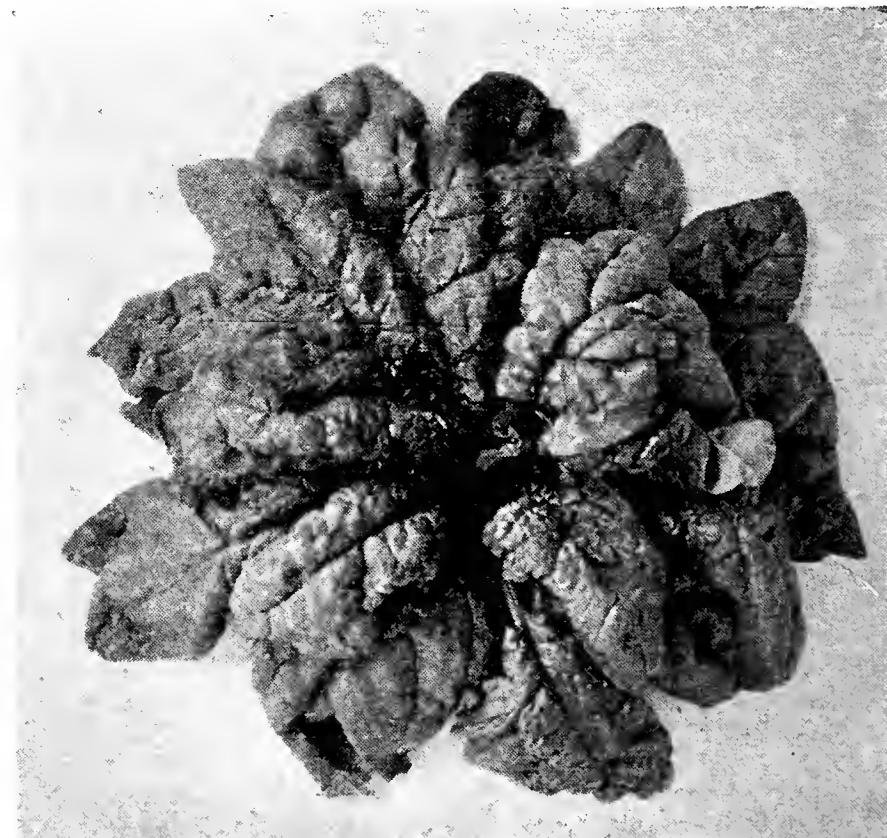
## SPINACH

One ounce will sow about 80 feet of row, 10 pounds to the acre. Spinach thrives in any ordinary soil and is a very easy crop to raise. For early spring use, seed should be planted in the fall.

**THICK-LEAVED IMPROVED**—A superior variety. It is especially good for early spring and successive planting for summer use, but is also an excellent variety for fall planting for winter and early spring use. A long standing variety, slow in going to seed. Price: Pkt. 5c; oz. 10c; 1/4 lb. 20c; 1/2 lb. 30c; lb. 45c.

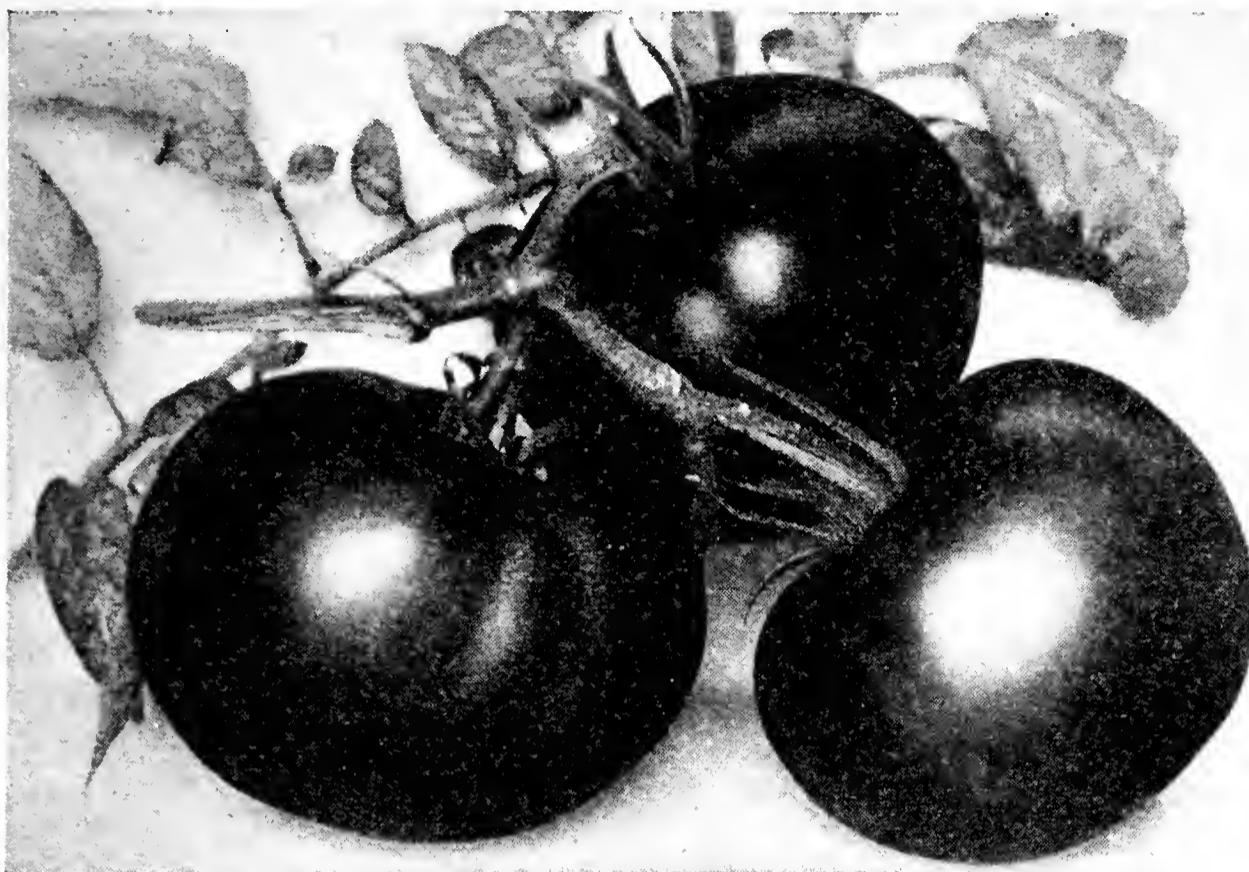
**BLOOMSDALE SAVOY**—A variety that has become a great favorite within late years. The numerous leaves are curled and wrinkled. A very productive variety, popular with market gardeners. Price: Pkt. 5c; oz. 10c; 1/4 lb. 20c; 1/2 lb. 30c; lb. 45c.

**LONG STANDING**—Has large, thick, round leaves. Very hardy. Adapted for either fall or spring planting. Slow to go to seed. Price: Pkt. 5c; oz. 10c; 1/4 lb. 20c; 1/2 lb. 30c; lb. 45c.



ALL PRICES ON THIS PAGE ARE POSTPAID  
UP TO THIRD ZONE,

## TOMATOES



TOMATOES  
picked from your  
own garden are  
more satisfactory  
than those from  
the store.

**JOHN BAER** (70 Days)—This variety is the result of fifteen generations of breeding. It produces perfect, solid, high crown, brilliant red tomatoes. They ripen ten days before Earliana, bearing 50 to 100 fruits per plant. The flavor is deliciously sweet. The plant will stand plenty of fertilization without going to vine. Keeps well; is a good shipper; a prolific, continuous bearer, and has the unusual remarkable feature of being easily peeled, the skin slipping readily from the rich, firm flesh. Resistant to wilt and other diseases. Price: Pkt. 5c; oz. 25c; 1/4 lb. 85c; 1/2 lb. \$1.50; lb. \$2.75.

**KING OF THE EARLIEST** (60 Days)—The earliest good tomato on the market. Color a deep dark red. Flesh thick, smooth, firm and with few seeds. Finest quality. A heavy yielder for an early variety. If you live in a climate where your season is short, try this variety. Price: Pkt. 5c; oz. 25c; 1/4 lb. 85c; 1/2 lb. \$1.50; lb. \$2.75.

**SPARK'S EARLIANA** (66 Days)—A favorite with the market gardeners. Very early, productive and a good shipper. Fruit a deep scarlet, medium to large. Nearly round and exceptionally smooth for an early variety. Price: Pkt. 5c; oz. 25c; 1/4 lb. 85c; 1/2 lb. \$1.50; lb. \$2.75.

**BONNY BEST** (70 Days) — Attractive scarlet-red fruits, just a trifle smaller in size than those of Chalk's Jewel, but matures about a week earlier. Fleshy and tasty, of remarkable solidity. The skin is smooth and of a uniform color from stem to blossom-end. Single fruits weigh about 5 ounces each. They are borne in clusters. Bonny Best is an ideal variety for the home garden because of its prolificness and continuous bearing throughout the season. It is also one of the standard varieties for greenhouse forcing during the winter months. Price: Pkt. 5c; oz. 25c; 1/4 lb. 85c; 1/2 lb. \$1.50; lb. \$2.75.

**YELLOW PEAR** (73 Days)—A small, pear-shaped tomato. A very heavy yielder. Very hardy. Excellent for preserving. Price: Pkt. 5c; oz. 35c; 1/4 lb. \$1.20; 1/2 lb. \$2.25; lb. \$4.00.

**MARGLOBE** (79 Days) — A new variety developed by United States Department of Agriculture. Very wilt-resistant and is a handsome, deep red, globe-shaped tomato of great merit. Plants are vigorous, dark green and productive; fruits are quite large. A very desirable tomato for salad or slicing. Excellent for canning. Price: Pkt. 5c; oz. 25c; 1/4 lb. 85c; 1/2 lb. \$1.50; lb. \$2.75.

**GROUND CHERRY or HUSK TOMATO** (86 Days)—Grows to great perfection under ordinary culture, yielding abundantly. Very much prized for preserving. Should be in every garden. Price: Pkt. 5c; oz. 35c; 1/4 lb. \$1.30; 1/2 lb. \$2.50; lb. \$4.50.

TOMATO PLANTS—SEE PAGE 18

ALL SEED ON THIS PAGE POSTPAID UP TO THIRD ZONE

## TURNIPS

Turnip is one of the first seeds that can be sown in the spring. For early summer use, sow as soon as ground can be worked. For winter use, sow from the middle of July to end of August; 1 ounce of seed will plant 150 feet; 1 pound per acre in drills; 2 pounds broadcast.

**PURPLE TOP STRAP LEAF** (46 Days)—A leading, white-fleshed variety, and one of the best, either for the family, market garden or field crop. It is medium size, and produces a large crop. The flesh is firm but tender, and of a superior, rich, buttery flavor. A good keeper. Price: Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 40c; lb. 65c.

**PURPLE TOP GLOBE** (55 to 60 Days)—One of the most popular turnips, being both early and sweet. Flesh snow white, crisp, sweet, and solid; skin is pure white and smooth except at the top, which is a reddish purple. A good keeper. Price: Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 40c; lb. 65c.

**YELLOW ABERDEEN** (70 to 80 Days)—Pale yellow in color with purple top. Very hardy, productive and a good keeper. Flesh very firm, but tender and sweet. Good for table use or stock feeding. Price: Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 40c; lb. 65c.

**COW HORN or LONG WHITE** (70 Days)—A carrot-shaped variety, pure white except a green shade at top. Grows large and partly above ground. Has a fine flavor and is a rapid grower. Good for market use, and is grown very largely for feeding stock. Price: Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 40c; lb. 65c.

**EARLY WHITE EGG** (55 to 60 Days)—This is a good, firm, solid and sweet-flavored variety. Produces egg-shaped roots with thin, white skin. Is a very quick grower, being very suitable for both market and home gardens. Price: Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 40c; lb. 65c.

**EXTRA EARLY PURPLE TOP MILAN** (42 Days)—As the name implies, this is a very early variety, growing turnips of excellent quality. The tops are very small and strap leaved. The roots are semi-flat, purple on top and clear white below. Price: Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 40c; lb. 65c.

**EARLY SNOWBALL** (43 Days)—This snowy white, perfectly shaped turnip matures in seven weeks. Is crisp, solid and of fine flavor. Price: Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 40c; lb. 65c.

## RUTABAGA

All kinds of stock relish and thrive on rutabagas when fed in combination with hay. If planted the last of July or the first of August, the tops make an excellent pasture for sheep during the fall, and the rutabagas furnish succulent food for the stock throughout the winter. Yield is very heavy. Also popular for table use.

**IMPROVED YELLOW PURPLE TOP** (88 Days)—The popular standard variety both for stock feeding and table use. Flesh yellow, solid and sweet. Price: Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 40c; lb. 65c.

## MISCELLANEOUS SEEDS

**BRUSSELS SPROUTS**—These are miniature cabbages produced from the side of the stalk. They are regarded as a great delicacy cooked and served in the same manner as cauliflower. Sow in hot beds in March or April and in the open ground in May. Cultivate the same as cabbage. Price: Pkt. 5c; oz. 20c; 1/4 lb. 65c.

**COLLARDS**—A plant similar to cabbage. It does not, however, produce a head. The center leaves are very tender and used as a pot herb. Are also desirable as greens for poultry and rabbits. Cultivate same as cabbage except plant 3 feet apart each way.

**Southern Georgia**—This is the old favorite. Light green leaves. Price: Pkt. 5c; oz. 15c; 1/4 lb. 50c.

**CRESS or PEPPER GRASS**—Grows very quickly from seed sown thinly in drills. Used with lettuce to which it adds an agreeable pungency. Leaves are curled and very ornamental. Price: Pkt. 5c; oz. 10c; 1/4 lb. 35c.

**EGG PLANT**—Should be started in hotbeds and transplanted, using same methods as for tomatoes.

**New York Improved**—This variety is the general favorite for both market and home gardeners. Very prolific, usually produces 4 to 6 large fruits to a plant. Color dark purple. Price: Pkt. 5c; oz. 50c; 1/4 lb. \$1.50.

**ENDIVE**—Culture same as for lettuce. Very hardy. Grown principally for winter salad.

**Green Curled**—Hardy, vigorous grower, with deep green leaves. Price: Pkt. 5c; oz. 15c; 1/4 lb. 40c.

**KOHLRABI**—This vegetable is a cross between a cabbage and a turnip. The edible portion is the large bulb, which forms on the stem above the ground. The bulbs have a mild, delicate, cabbage-like flavor. The plants are hardy and the seed may be sown practically all the year around. Plant like turnips and thin to 6 inches apart in row. One ounce of seed will produce 2000 plants.

**Early White Vienna**—Flesh white and tender. Price: Pkt. 5c; oz. 25c; 1/4 lb. 75c.

**PARSLEY**—Culture same as lettuce. Parsley is used mostly for seasoning and garnishing. Its flavor is exceedingly pleasant.

**Champion Moss or Triple Curled**—The most popular variety for both the home and market garden. Price: Pkt. 5c; oz. 10c; 1/4 lb. 35c.

**TOBACCO, Connecticut Seed Leaf**—Hardy, and the best adapted to cool localities. Grows to a height of about 5 feet. Price: Pkt. 5c; oz. 75c.



Egg Plant

## HERBS

**ANISE**—An annual, cultivated principally for the seed, which has a fragrant smell and pleasant taste. Used for medical purposes; leaves used for garnishing and flavoring. Price: Pkt. 5c; oz. 25c.

**CATNIP**—Perennial. Leaves and young shoots used for flavoring. Price: Pkt. 5c; oz. 25c.

**DILL**—One of the most widely grown herbs. The seed are used in soups, sauces and stews. The stems, leaves and flower heads are used to make dill pickles. Price: Pkt. 5c; oz. 10c.

**FENNEL**—Used for garnishing and fish sauces. Price: Pkt. 5c; oz. 20c.

**SAGE**—The most widely grown herb for seasoning. The leaves are used either green or dry. Price: Pkt. 5c; oz. 25c.

**SUMMER SAVORY**—A hardy annual. When dried the stems, leaves and flowers are used for flavoring soups and dressings. Price: Pkt. 5c; oz. 15c.

**SWEET MARJORAM**—The tops are used either green or dry for seasoning. Price: Pkt. 5c; oz. 25c.

**THYME**—Used for flavoring soups, sauces, dressings. Price: Pkt. 5c; oz. 30c.

## FLOWER PLANTS

	Per Doz. Postpaid
Pansy, Giant Mixed .....	\$ .50
Aster, Giant Comet .....	50
Asters, Crego Mixed .....	50
Zinnia, Dahlia Mixed .....	50
Snapdragon .....	50
Marigold, African .....	50
Petunias, Balcony .....	50
Salpiglossis .....	50
Clarkia .....	50

## ROOTS AND PLANTS

### LOCALLY GROWN, TRANSPLANTED HARDY STOCK

	Not Postpaid	Postpaid	Doz. 100	Doz. 100	\$ .75
Early and Late Cabbage Plants..	\$.20	\$.85	\$.15	\$.15	1.50
Early and Late Tomato Plants...	.30	1.75	.25	.25	1.50
Cauliflower Plants .....	.30	1.75	.25	.25	1.50
Pepper Plants .....	.30	1.75	.25	.25	1.50
Egg Plants .....	.30	1.75	.25	.25	1.50
Celery .....	.30	1.75	.25	.25	1.50
Sweet Potato Plants.....	.30	1.75	.25	.25	1.50
Asparagus Roots .....	.30	1.75	.25	.25	2.00
Two-year Rhubarb Roots, 2 for 30c, postpaid; 2 for 25c, not postpaid.					2.25 .. 2.00

## SELECT STRAWBERRY PLANTS

We are making a specialty of growing plants of only those varieties we know will give you every satisfaction.

**PREMIER**—Ripens extra early and bears rich bright red berries of fine flavor. Its heavy foliage makes it practically frost proof.

**BLAKEMORE**—Originated by the U. S. Department of Agriculture, this early variety produces a heavy fruiting row of glossy, bright red juicy mild flavored berries, which are the firmest of the entire strawberry family.

**CATSKILL**—Large size, extra fine quality berries are produced on this midseason variety. Does well on any kind of soil and is well adapted for dry conditions.

**GRAND CHAMPION**—As its name implies, this is really a champion in size, quality and productiveness.

**NEW OREGON: EARLY PROLIFIC and GEM EVERBEARING** are other varieties we can supply.

	25	50	100	1000
Blakemore .....	.40	.65	.90	5.50
Catskill .....	.60	.90	1.40	7.50
Grand Champien .....	.45	.75	1.10	5.75
Dorsett .....	.35	.60	.85	5.00
New Oregon .....	.65	1.00	1.65	10.00
Gem Everbearing .....				
				Postpaid.

Write for prices on larger quantities.

# FLOWER SEEDS

## ABRONIA, Sand Verbena

**UMBELLATA**—Annual of low growing habit. The plant is easily grown from seed planted in spring or fall and thrives very well in sandy places. Pkt. 10c.

## AGERATUM, Floss Flower

One of the most popular summer blooming plants grown from seed, being literally covered with flowers from early summer until frost.

**BLUE BALL**—Compact round plants, 6 to 8 inches tall, hidden by a mass of pure blue flowers. Fine for dwarf beds and edging. Pkt. 10c.



Alyssum, Lilac Queen

## ALYSSUM

One of the most popular garden flowers, remaining in bloom the entire season; suitable for beds and edging in summer, or for growing in pots and boxes for winter blooming.

**LITTLE GEM**—Dwarf compact plants, densely covered with large white flowers; height, 4 inches. Pkt. 10c.

**LILAC QUEEN**—Of dwarf, compact growth; flowers pure lilac color. 4 inches. Pkt. 10c.

## AMARANTHUS, Summer Poinsettia

Brilliant-foliaged annuals, growing from 3 to 5 feet high. They thrive best in a hot, sunny location and not too rich soil.

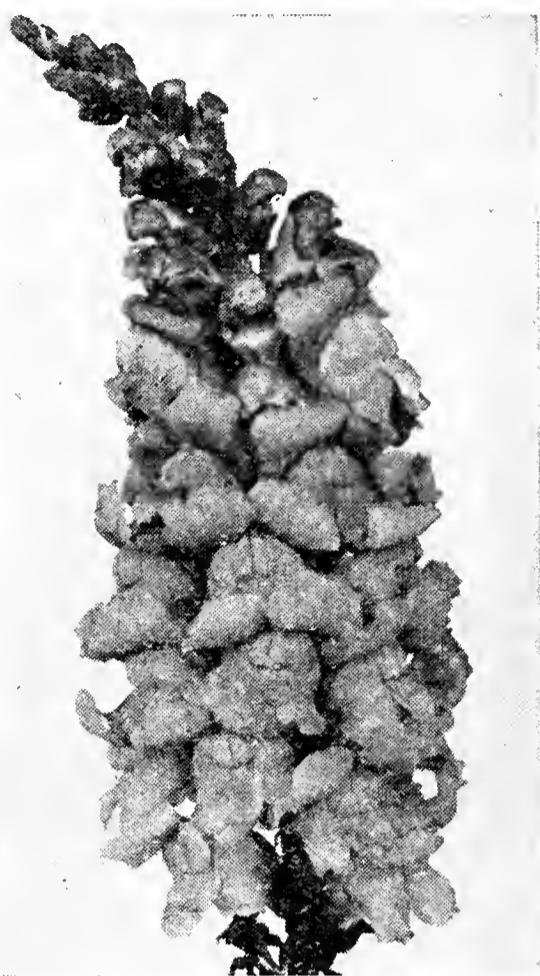
**MOLTEN FIRE**—Very ornamental and the most beautiful of all Amaranthus. Very easily grown from seed; leaves dark bronze, center Poinsettia red. Pkt. 15c.

**MIXED**—All sorts. Pkt. 10c.

## ANCHUSA, Summer Forget-Me-Not

A free-flowering class, producing its charming Forget-me-not-like blooms in graceful sprays from early summer until late fall.

**BLUE BIRD**—Deep blue flowers on plants 18 inches tall. Pkt. 10c.



## ANTIRRHINUM, Snapdragon

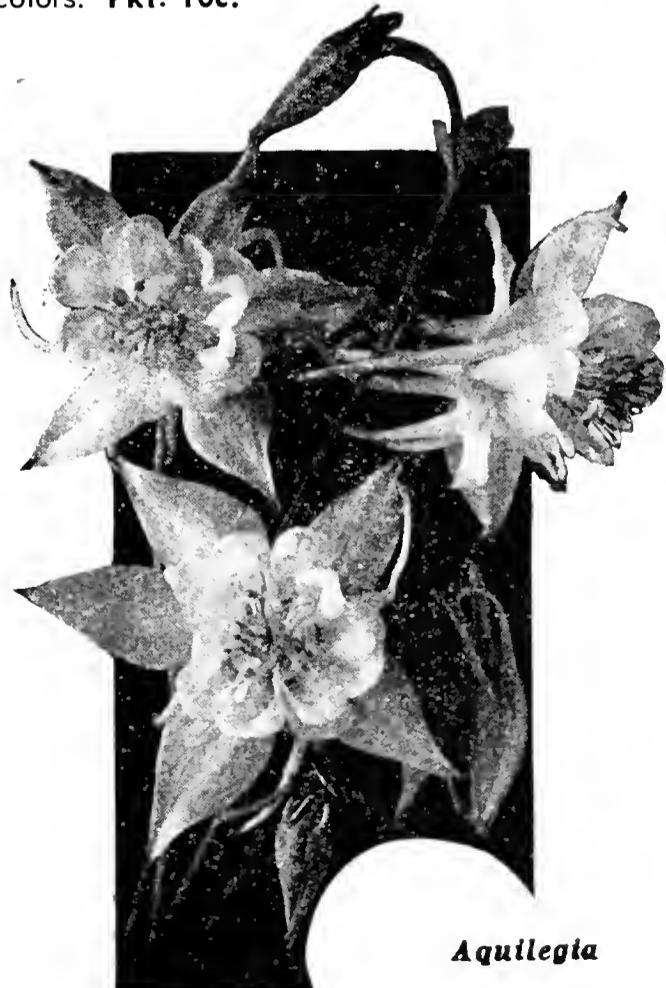
Snapdragons are fascinating flowers, with their interesting form and glowing colors. They are easy to grow and will bloom continuously until severe frost, making a wonderful display and supplying unlimited cut flowers. Ordinary good garden soil will produce fine snapdragons either in full sun or semi-shaded spots.

**NEW RUST PROOF**—Mixed colors. Pkt. 10c.

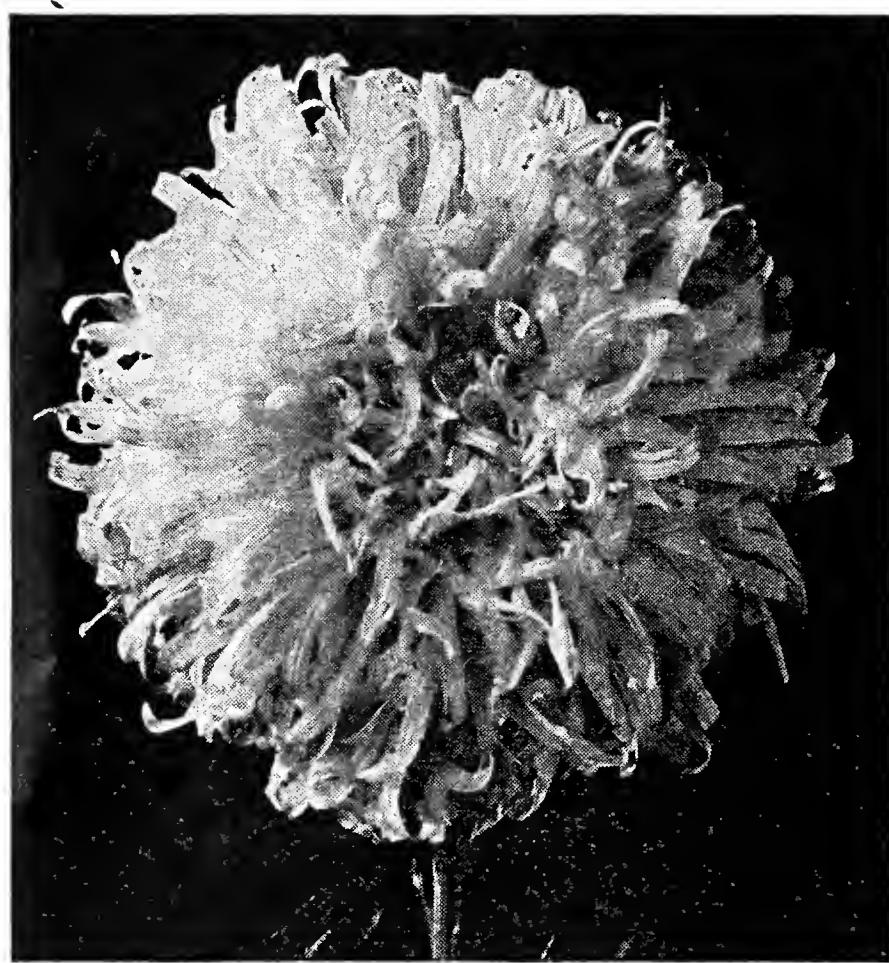
## AQUILEGIA, Columbine

These are among the most beautiful of spring and early summer flowers; very effective when grown in the herbaceous border and groups among shrubbery. Graceful spurred flowers on stems 2 feet or more above the fern-like foliage.

**IMPERIAL HYBRIDS**—Considered by many to be the finest mixture of long-spurred, giant sorts. Extraordinary range of colors. Pkt. 10c.



Aquilegia



Aster—Super Giant, Los Angeles

### ASTER

**SUPER GIANT, EL MONTE**—Special Mention, All-America Selections, 1936—El Monte is deep glowing crimson, composed of abundant quantities of daintily interlaced plume-like petals, the flowers are extremely large and fluffy, borne on heavy non-lateral, basal branched stems. It is very early blooming, and remains in flower over a long period. Pkt. 20c.

**SUPER GIANT LOS ANGELES**—Award of Merit, All-America Selections, 1934. The flowers are fully double, 6 to 8 inches across, graceful and delicately interlaced. The long, stiff stems are basal branching and strictly non-lateral, bearing the large shell pink flowers smartly upright. Pkt. 10c.

**IMPROVED CREGO WILT RESISTANT**—The large shaggy flowers with long curled petals are not unlike the ostrich feather for which they are commonly named. The plants are strong, heavily branched and grow about 2½ feet in height.

**Crimson**—Glowing deep rose-crimson. Pkt. 10c.

**Pink**—Attractive light shell pink. Pkt. 10c.

**Cattleya**—Fascinating shade of orchid. Pkt. 10c.

**Purple**—Showy violet purple. Pkt. 10c.

**Rose**—Lovely bright carmine rose. Pkt. 10c.

**White**—Purest white, large and fluffy. Pkt. 10c.

**Crevo's Finest Mixed.** Pkt. 10c.

**AMERICAN BRANCHING, Wilt Resistant**—Plants 2½-3 feet tall, branching, robust, flowers large, double and fine form, blooming in early September. Our selected stocks of these are the best money can buy. **Finest Mixed, pkt. 10c.**

### BABY'S BREATH (See Gypsophila)

### BACHELOR'S BUTTON (See Centaurea)

### BALSAM, Lady Slipper

An old and popular garden flower of easy culture. Gorgeous masses of brilliant colored double flowers are produced in the greatest profusion. Height, 2 feet.

**CAMELLIA FLOWERED**—Finest mixed. Pkt. 10c.

**ROSE FLOWERED**—Finest mixed. Pkt. 10c.

### BEAN, Runner

**SCARLET**—A rapid climber, flowering profusely; grows 10 to 15 feet high. Pkt. 10c.

### BLACK-EYED SUSAN (See Thunbergia)

### BEGONIA

A splendid class of plants, suited for bedding, borders, pots, and boxes. Blooms profusely and continuously right up to frost. Besides their use for the garden, they are fine indoors, blooming during the winter.

**GRACILIS LUMINOSA**—Small pink flowers in great profusion. Pkt. 10c.

### BROWALLIA, Amethyst

Favorite annual, covered with beautiful rich blue flowers during summer and autumn in the garden. Blooms freely in winter if the plants are lifted in autumn and cut back. **Mixed, pkt. 10c.**

### CALENDULA, Scotch Marigold

**ORANGE SHAGGY**—Gold Medal, All-America Selections, 1935. Deep orange shading lighter at the center; exceedingly graceful and informal in appearance, it is a striking contrast to the formal Calendulas in general use. The plants are free flowering, neat and compact. Useful in the garden or for cutting. Pkt. 10c.

**NEW SUNSHINE CALENDULA, CHRYSANTHA** — Gold Medal Winner, All-America Selections, 1934. A clear, buttercup yellow in color with loosely arranged petals, incurved at center and reflexed at edges, somewhat like a chrysanthemum. Pkt. 10c.

**ART SHADES**—Mixed. Pkt. 10c.

### CALIFORNIA POPPY, See Eschscholtzia

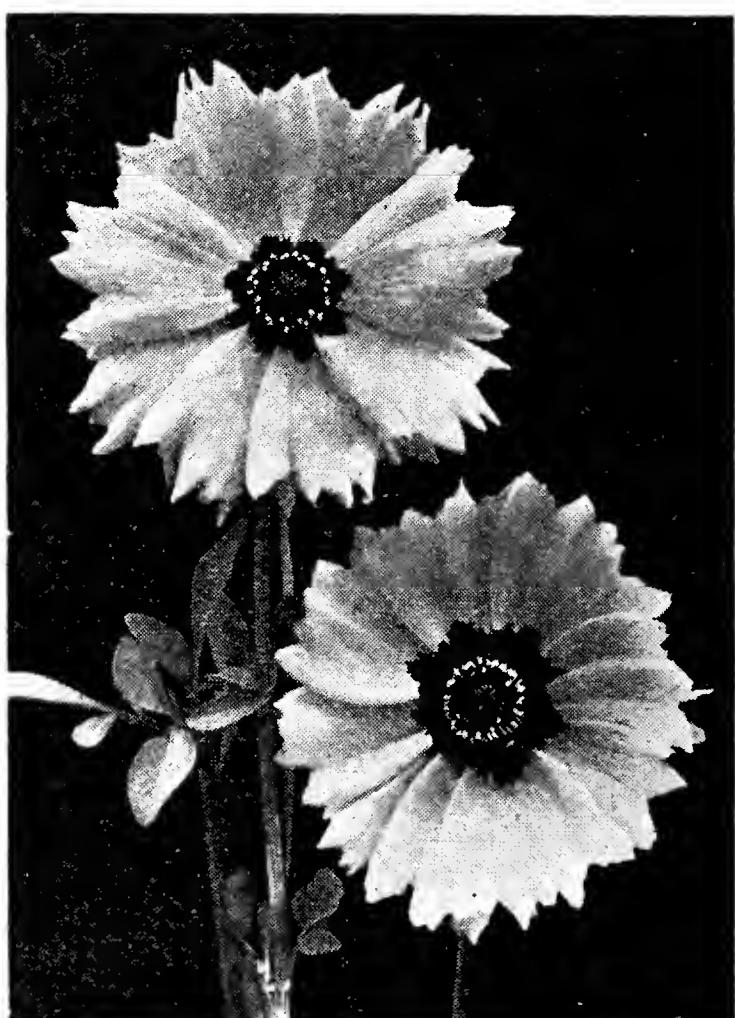
### CALLIOPSIS, Tickseed

Very showy and splendid subjects for garden decoration as well as for cutting. Sow seed where intended to bloom in early spring; thin out to 6 inches apart. Cut flowers as soon as they open, as this prolongs the blooming season until autumn.

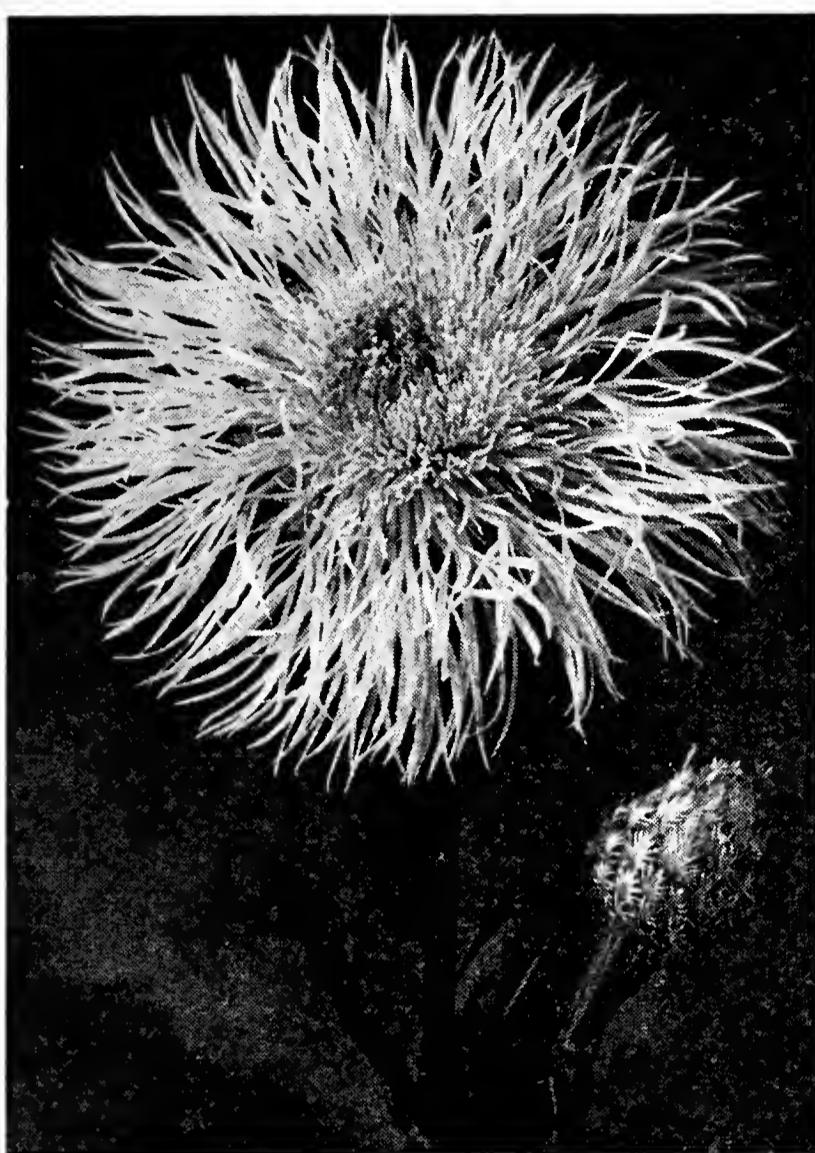
**TALL MIXED**—Pkt. 10c.

**DWARF MIXED**—Pkt. 10c.

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Calliopsis



Centaurea

**CAMPANULA, Canterbury Bell**

**CAMPANULA MEDIUM**—One of the grandest of old-time favorites. Sow seed in late spring or fall in seed beds or boxes and later transplant them to their permanent location. **Single Mixed, Double Mixed.** Pkt. 10c.

**CALYCANTHEMA** (Cup and Saucer)—Perhaps the most beautiful type; distinct in form, with large bell or cup-shaped flowers surrounded at the base by a large calyx of similar color, the whole resembling a cup and saucer. **Mixed Colors,** pkt. 10c.

**ANNUAL CANTERBURY BELLS**—Gold Medal, All-America Selections, 1933. An annual, when planted from seed, loads itself with flowers in less than five months, in colors the same as the biennial type. **Finest Mixed,** pkt. 10c.

**CANDYTUFT, Iberis**

Valuable for masses and edging, and considered indispensable for cutting. Seed sown in April flowers in June; successive sowings should be made at intervals. Hardy and easy to grow, blooming profusely. 1 foot.

**CORONARIA**—Giant white hyacinth flowered. Pkt. 10c.

**UMBELLATA**—Mixed, pkt. 10c.

**CARDINAL CLIMBER**

**IPOMOEA CARDINALIS**—Graceful climber with cardinal-scarlet blooms 1 to 1½ inches in diameter. Rich, glossy dark green foliage. Grows 15 feet tall and is in bloom all summer. Pkt. 10c.

**CARNATION, Dianthus Caryophyllus**

**CHABAUD GIANT**—18 inches. This variety blooms six months after seeding and continues throughout the summer. The plants, robust and erect, supply handsome, double, clove-scented flowers of extra large size. This type should not be confused with the old, small-flowered Chabaud. **Mixed Colors,** pkt. 10c.

**MARGUERITE**—20 inches. This well-known variety blooms five months after the seeds are planted and may be treated as an annual. The vigorous plants bear deeply fringed, sweet-scented flowers in a choice assortment of rich colors. **Double Mixed,** pkt. 10c.

**CASTOR BEAN (See Ricinus)****CENTAUREA**

**CYANUS DOUBLE** (Bachelor Button)—This superb class of Cornflowers produces handsome, large double blooms, effective out-of-doors and in bouquets. **Mixed,** pkt. 10c. **IMPERIALIS** (Sweet Sultan) — These beautiful long-stemmed flowers with their soft velvety heads make very enchanting bouquets. They measure 2 to 2½ inches across while the entire plant stands about 2½ to 3 feet tall. **Mixed,** pkt. 10c.

**CHINESE LANTERN PLANT**

(See *Physalis Franchetii*)

**CHRYSANTHEMUM, ANNUAL  
Painted Daisy**

**CORONARIUM, DOUBLE MIXED**—Lovely button-shaped blooms, 1½ inches across. Fully double; 18 inches tall. Pkt. 10c.



Coronarium Chrysanthemum

**CLARKIA**

An annual, flowering in July. It is of easy cultivation, graceful in habit of growth, and lends itself as well to bedding as for cutting. Flowers in long racemes which all open in water when cut.

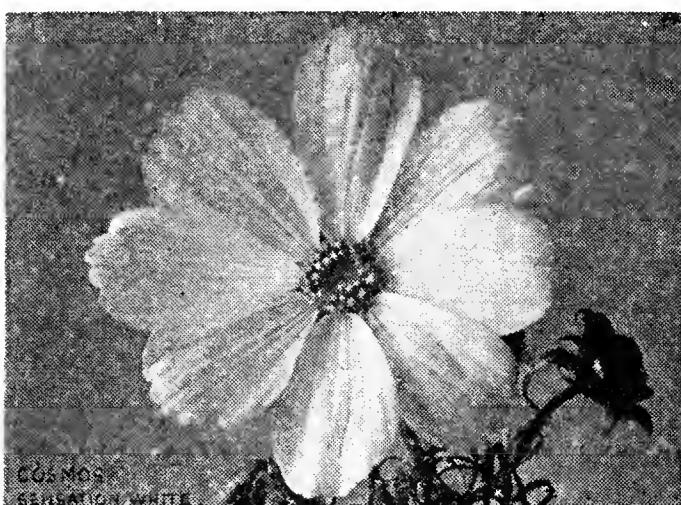
**ELEGANS**—Double. Choice mixed. Pkt. 10c.

**COLUMBINE (See Aquilegia)****COREOPSIS**

One of our most popular perennials; the attractive flowers are borne in great profusion and are excellent for cutting.

**LANCEOLATA GRANDIFLORA**—Single golden yellow flowers of graceful form. Pkt. 10c.

**GRANDIFLORA DOUBLE SUNBURST**—The double flowers are large, 1½ to 2 inches across, deep golden yellow, and are excellent for cutting as well as for garden decoration. Pkt. 10c.



Cosmos, Sensation White

**COSMOS**

No garden is complete without Cosmos. These old favorites supply a gorgeous, colorful effect during late summer and fall. Fine for cutting as the flowers last well in water. Cosmos are easy to grow.

**EARLY KLONDYKE, ORANGE FLARE**—Grand Champion Gold Medal, All-America Selections, 1935. Granted the highest honor that can be bestowed on a new flower. The long stemmed flowers of bright vivid orange are freely borne on 2 to 3 foot plants. Its most remarkable feature, however, is its early blooming habit, it blooms from mid-summer until frost. Pkt. 15c.

**SENSATION, FINEST MIXED**—Award of Merit, All-America Selections, 1936. Cosmos Sensation has earned for itself a remarkably permanent position in the garden world. The flowers are mammoth in size, 4 to 5 inches in diameter, with broad, heavy fluted petals carried on very long strong stems. It is extremely early flowering, blooming in 10 weeks from the time of seeding. The mixture contains white, and shades of rose and pink. Pkt. 15c.

**EARLY SINGLE**—Grows 5 feet tall and blooms several weeks before the late-flowering varieties. Flowers 3 inches across. Mixed, pkt. 10c.

**CYPRESS VINE, Ipomoea Quamoclit**

A rapid-growing climber with soft deep green feathery foliage. The flowers are slender little trumpets with star-shaped rims. Due to its twining habit it will readily climb a stretched cord or light trellis. Mixed, pkt. 10c.

**DIANTHUS, Annual Pinks**

**CHINENSIS, DOUBLE MIXED**—This variety supplies an abundance of fringed double flowers. They resemble Sweet William, but the blossoms are larger. Pkt. 10c.

**DIGITALIS, Foxglove**

**GLOXINIAEFLORA**—This is an improved strain of the ordinary Foxglove, with handsome spotted Gloxinia-like flowers on long spikes. Pkt. 10c.

**DELPHINIUM**

**DWARF CHINESE**—A short hardy type desirable for low borders or even for bedding. It has the merit of reaching its full development the first season from seed started early. 1 foot. Pkt. 10c.

**BLACKMORE & LANGDON HYBRIDS**—Latest and highest development of the Hollyhock type of Delphinium. Very large single, semi-double, and double flowers. All the pastel shades from very light blue to indigo. Pkt. 25c.

**DUSTY MILLER (See Centaurea)****ESCHSCHOLTZIA, California Poppy**

**RAMONA HYBRIDS**—A new strain containing many lovely shades. The plants grow compact and upright, with flowers beautifully frilled. Pkt. 10c.

**DOUBLE ESCHSCHOLTZIA**—The flowers are like little silk-en flags, beautifully fluted and crinkled, double and semi-double. The colors are rich yellow, orange and salmon. Pkt. 10c.

**AURANTIACA, ORANGE**—The ordinary California Poppy. Pkt. 10c.



Eschscholtzia—California Poppy

**FORGET-ME-NOT, Myosotis**

The Alpestris varieties bloom in April and are largely used for bedding and borders, while other varieties bloom in May and continue until frost.

**ALPESTRIS, BLUE**—Blue with white eyes. Pkt. 10c.

**FOUR O'CLOCK, Marvel of Peru**

A favorite showy annual for beds and borders. Excellent for planting in front of the porch or alongside the house. The plants bloom freely from July until frost.

**MIXED**. Pkt. 10c.

**FOXGLOVE (See Digitalis)****GAILLARDIA, Blanket Flower**

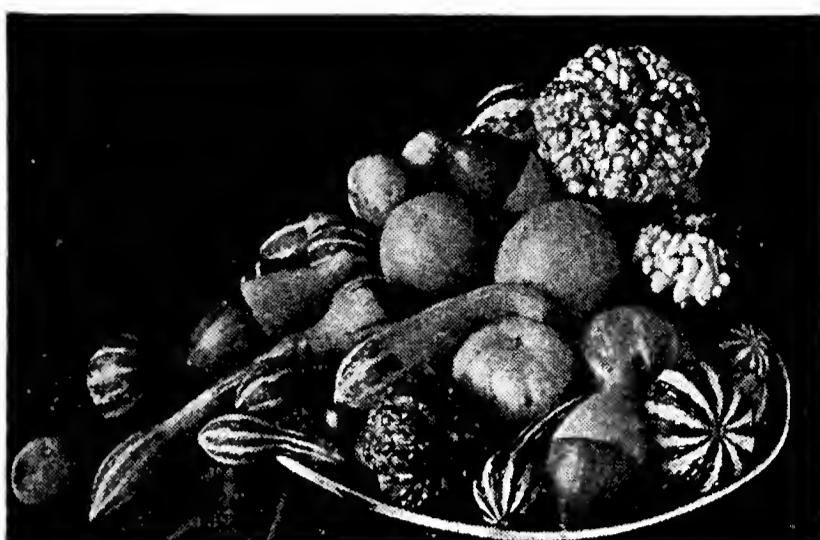
**SINGLE PICTA MIXED**—Large daisy-like blossoms of yellow and bronze with central cones of yellow. Pkt. 10c.



Godetia, Mixed

**GODETIA, Satinflower**

**MIXED**—Bushy plants covered with broad petaled cup-shaped flowers 2 or 3 inches across and of a rich satiny texture. 12 inches. Pkt. 10c.



Ornamental Gourds

**ORNAMENTAL GOURDS**

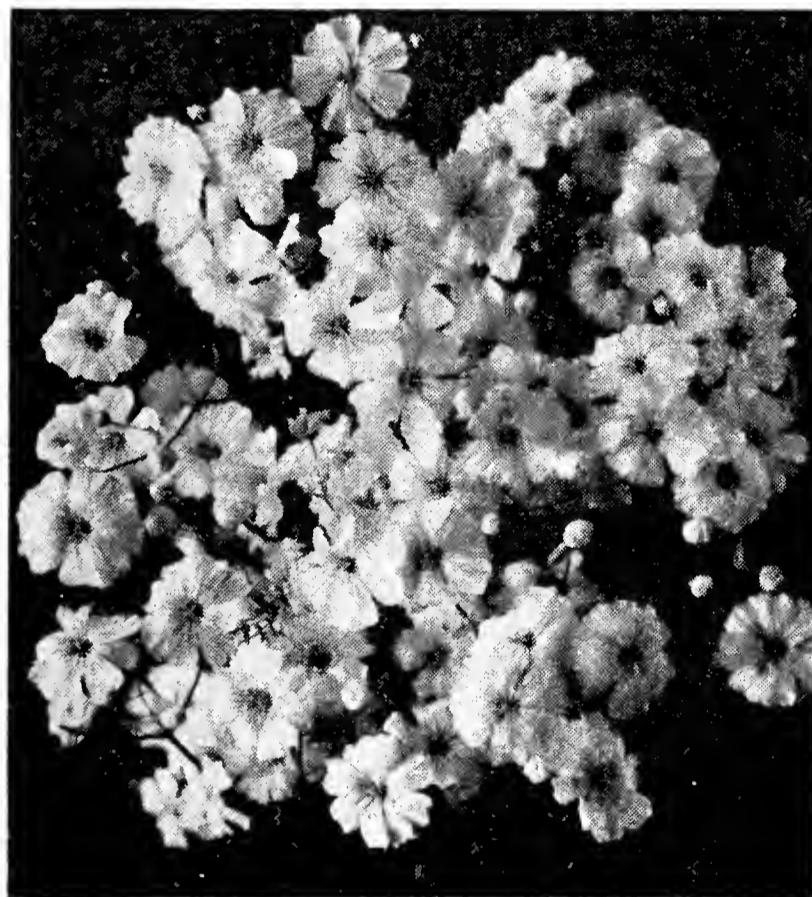
Ornamental Gourds are easily grown in rich soil, where they will produce plenty of fruits. They may be trained on trellises and the ripened fruits used for ornaments.  
**Small Mixed, Large Mixed—Pkt. 10c.**

**GYPSOPHILA, Baby's Breath**

Pretty, free-flowering annuals and perennials. Their misty white panicles are largely used for mixing with other cut flowers.

**ELEGANS GRANDIFLORA ALBA**—This is an improved, large-flowering, pure white form of the annual Baby's Breath. **Pkt. 10c.**

**PANICULATA**—Hardy perennial, white. Blooms first year if sown early. Height, 2 feet. **Pkt. 10c.**



Gypsophila Elegans

**HELIANTHUS, Sunflower**

**RUSSIAN MAMMOTH**—Immense single yellow flowers on tall heavy stalks. 6 feet. **Pkt. 10c.**

**HELICHRYSUM, Straw Flower**

The finest of all everlastings for the home garden. They make unusually fine winter bouquets if cut when partially opened and dried slowly in a cool place, heads downward to keep the long stems straight. They come in a wide range of brilliant and soft colors. **Finest Mixed, pkt. 10c.**

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**HELIOTROPE**

A well known and highly prized plant on account of the delightful fragrance of the flowers. Seed started indoors in the spring will make fine plants for summer blooming. Excellent for pots, or for bedding. 18 inches. **Choice Mixed, pkt. 10c.**

**HOLLYHOCK**

**SINGLE ANNUAL**—Finest Mixed, pkt. 10c.  
**DOUBLE**—Finest Mixed, pkt. 10c.

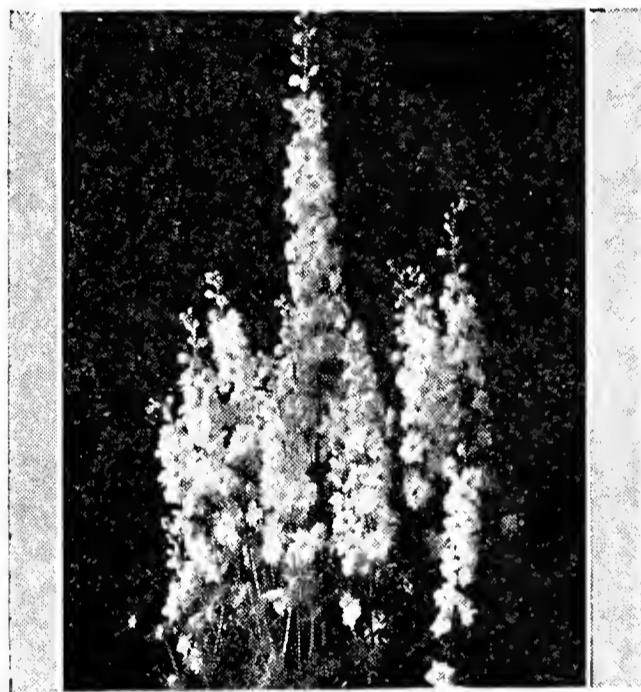
**ICELAND POPPY (See Poppy Nudicaule)****IPOMOEA, Morning Glory**

**CLARK'S MAMMOTH BLUE**—An early blooming climber, literally covered with lovely flowers of sky-blue. Flowers 3½ inches across and blooms until frost. **Pkt. 15c.**

**MIXED IMPERIAL JAPANESE**—These are beyond question the handsomest of all Morning Glories. The flowers are of gigantic size and their colorings beyond description. **Pkt. 10c.**

**LANTANA**

A Brazilian shrub that makes a splendid display the first season from seed. Above the large somber green leaves verbena-like clusters of fragrant flowers rise in prolonged succession. In a single cluster all the shades of crimson, rose, yellow, and orange appear. **Hybrida Mixed, pkt. 10c.**



Larkspur, White King

**LARKSPUR, Annual**

**NEW ROSAMOND, STOCK FLOWERED STRAIN** — Gold Medal Winner, All-America Selections, 1934. The color is a new bright rose. Blooms two weeks earlier than others. **Pkt. 10c.**

**GIANT IMPERIAL, WHITE KING**—Special Mention, All-America Selections, 1937. White King is the finest Giant Imperial Larkspur. The flowers are a pure, glistening white with rounded broad petals. The florets are 2 inches across and are evenly and closely spaced on the stem. This gives a very heavy Hollyhock-like cutting spike from 24 to 30 inches long. The plants are tall, well over 5 feet. White King is very early blooming. **Pkt. 25c.**

**GIANT IMPERIAL**—This newer form produces plants of erect habit, branching from the base, affording longer stems for cutting. **Finest Mixed, pkt. 10c.**

**LOBELIA**

A dainty and continuous blooming annual of compact growth. Unexcelled for edging, ribbon beds, hanging baskets or window boxes. Height about 6 inches.

**COMPACTA, CRYSTAL PALACE** — Erect and very free blooming. Best dark blue for edging. Fine for pots. **Pkt. 10c.**

**GEUM, Avens**

**LADY STRATHEDEN**—A new golden yellow with large full flowers of great beauty. Pkt. 10c.

**MARVEL OF PERU (See Four-o'clock)****MIGNONETTE, Reseda Odorata Grandiflora**

**FINEST MIXED**—Includes only large flowering varieties of sweet scented Mignonette. Pkt. 10c.

**MARIGOLD**

**NEW COLLARETTE MARIGOLD, CROWN OF GOLD**—Gold Medal, All America Selections, 1937. A new kind of Marigold with a Chrysanthemum-like crown surrounded by a collar of big, broad petals of the same color, bright golden orange. It is the only Marigold with entirely odorless foliage. Plants grow about 2 ft. tall, bloom early, profusely and continuously until frost. Pkt. 25c.

**DWARF ROYAL SCOT, ALLDDOUBLE**—Special Mention, All-America Selections, 1937. Royal Scot is a new achievement in Marigolds. Its growth is dwarf and bushy, every plant of a uniform shape and height of about 10 to 12 in. Color is a rich mahogany and gold in uniform stripes. It is a splendid plant for borders and blooms for a long period from mid-summer until frost. Pkt. 25c.

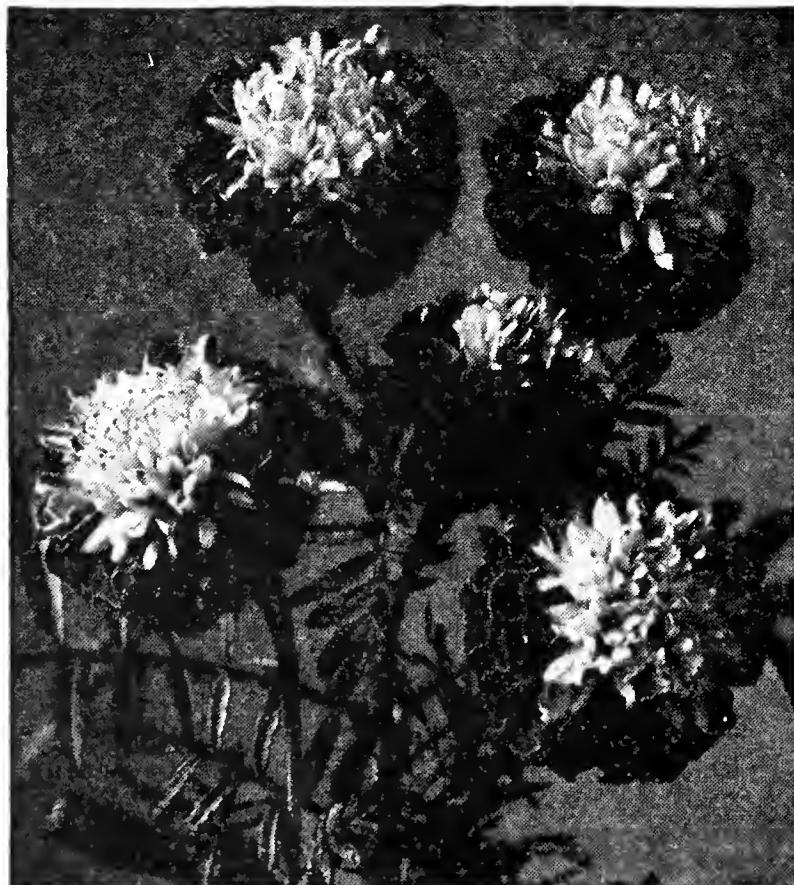
**YELLOW SUPREME**—Gold Medal, All-America Selections, 1935. Yellow Supreme is a delightful light lemon-yellow Marigold and the flowers are of medium size, loosely ruffled or carnation flowered in formation. The plants are 2 to 2½ feet tall, compact and pyramidal in habit and very free blooming. Yellow Supreme is popular, both as a garden subject and for cutting. Pkt. 15c.

**AFRICAN TALL DOUBLE** (Tagetes erecta)—Very large globular flowers composed of compact tubular or quilled petals. 2½ feet. **Mixed, pkt. 10c.**

**GUINEA GOLD** (African)—Carnation-like petals and unusually brilliant golden color makes this flower outstanding among Marigolds. 2 feet. Pkt. 10c.

**FRENCH DOUBLE DWARF**—This Marigold is more floriferous than the African, but bears smaller flowers. **Mixed, pkt. 10c.**

**DWARF FRENCH DOUBLE HARMONY**—The flowers are quite different from any other Marigold, Scabiosa-like in formation with tubular deep orange center petals flanked by broad velvety dark maroon-brown guard petals. The plants are dwarf and very early. Pkt. 10c.

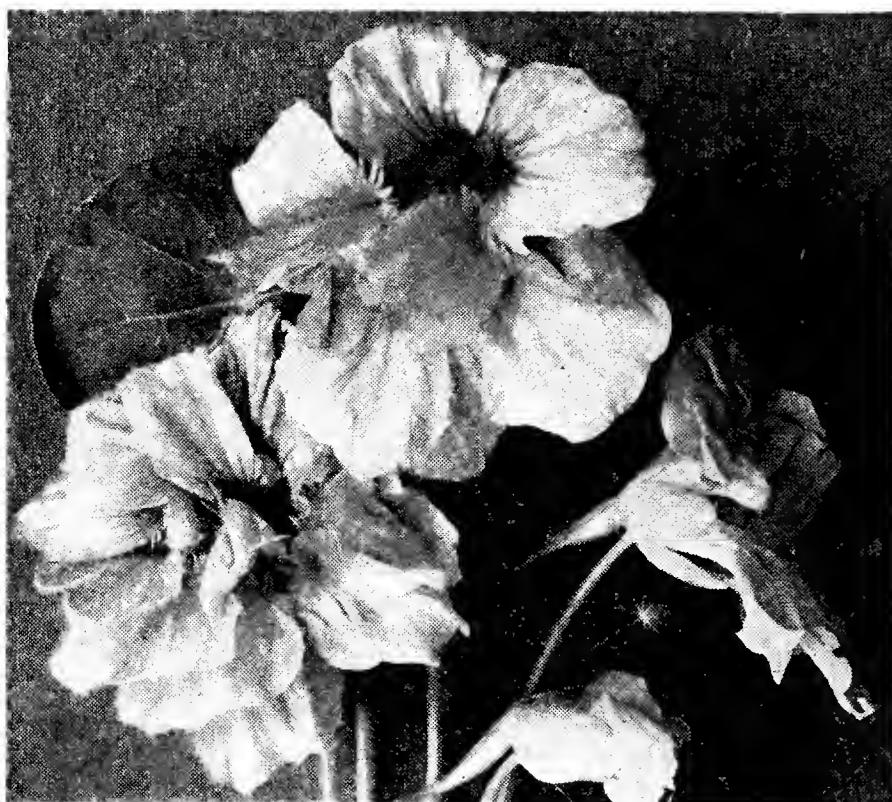


Marigold, Dwarf, French Double Harmony

**MORNING GLORY (See Ipomoea)****MOSS ROSE (See Portulaca)****NICOTIANA, Flowering Tobacco**

Stately plants producing large, trumpet shaped blooms from midsummer until frost. Fine for beds and borders.

**AFFINIS HYBRIDS**—Mixed Colors, pkt. 10c.

**PAINTED DAISY (See Chrysanthemum, Annual)**

Nasturtium, Glorious Gleam Hybrids

**NASTURTIUM**

**DWARF DOUBLE, GOLDEN GLOBE**—Award of Merit, All-America Selections, 1936. Golden Globe is identical in color with the popular Golden Gleam, a vivid golden yellow. The plants are uniformly dwarf and compact and bear great quantities of the well-formed, semi-double, sweet-scented flowers throughout the season. Use it for a dwarf edging plant, for the rockery, for window boxes. Pkt. 15c.

**GLORIOUS GLEAM HYBRIDS**—Award of Merit, All-America Selections, 1935. Glorious Gleam Hybrids are delightfully sweet scented, beautifully double. The color range includes a brilliant blend of salmon, golden yellow, orange scarlet, cerise, cream, orange, maroon and crimson shades, and many spotted varieties. **Finest Mixed, pkt. 10c.**

**DWARF DOUBLE GEM MIXTURE**—Novelty introduction, 1935. Our Gem Mixture, composed of an evenly balanced range of cheerful colors on dwarf, compact gem-like plants. Pkt. 10c.

**TALL or CLIMBING NASTURTIUMS**—For covering trellises, fences, arbors, piazzas, trailing from vases, over rock work, etc., nothing can equal the gorgeous effect produced by their great quantities of bloom. **Finest Mixed, pkt. 10c.**

**DWARF or BEDDING VARIETIES (Tom Thumb)**—Of dwarf, compact growth. Excellent for borders or for bedding, forming plants about 1 foot high by 1 foot across. **Finest Mixed, pkt. 10c.**

## PAPAVER (See Poppy)

### PANSY, Heart's Ease

**SWISS GIANT or ROGLLI**—Within the last few years the blossoms of this strain have been remarkably improved in every way. The plants are compact in habit and they produce immense circular flowers for a long blooming season. **Finest Mixed, pkt. 25c.**

**STEELE'S MASTODON**—A vigorous Oregon type, particularly desirable for cutting as the plants are taller and have longer stems. Esteemed for bedding. A fine blend for bright effects. **Finest Mixed, pkt. 25c.**

**POPULAR BEDDING MIXTURE**—These are the popular saucy-faced beauties that everybody loves, comprising the finest varieties in all colors. **Pkt. 10c.**

## PHLOX DRUMMONDI

A valuable and showy annual highly esteemed for bedding, for massing and for borders. The plants grow about 1 foot high, thrive in practically any soil if given a sunny location and bloom the entire season. Seed may be started in boxes and transplanted or sown in the open in spring. **Mixed Colors, pkt. 10c.**

## POPPY

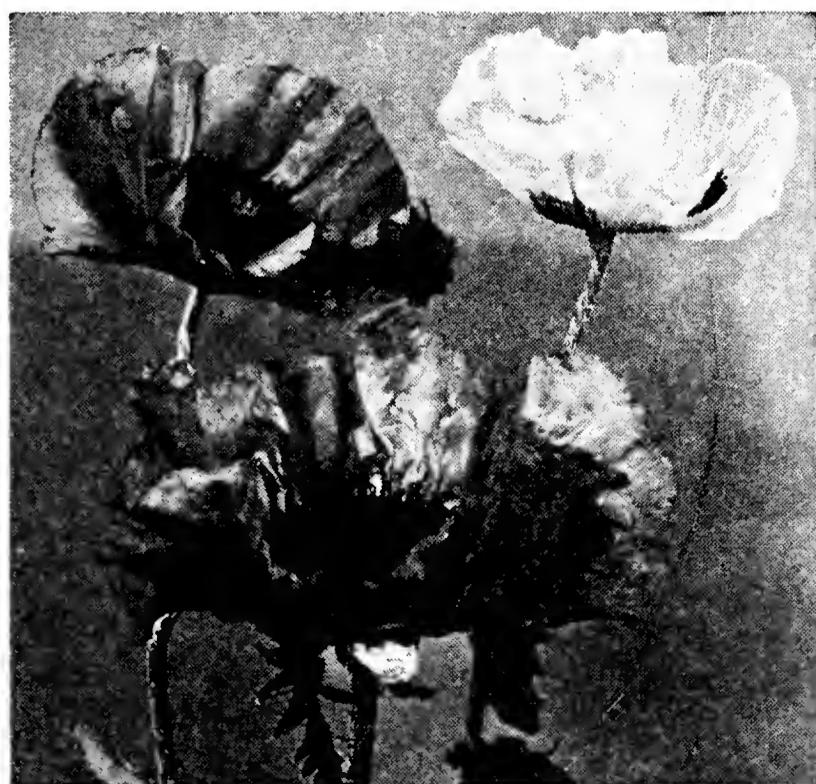
**SHIRLEY**—Known as the Flanders Field Poppy of the World War. The plants with their deeply cut foliage, slender hairy stems, and silky petaled blossoms, often fluted, present a delicate airy picture. 18 inches. **Mixed colors, pkt. 10c.**

**NUDICHAULE** (Iceland Poppy)—This hardy Poppy slightly resembles the delicately formed annual Shirley. However, the plants are somewhat different in habit and contain many shades of yellow and orange. 18 inches. **Mixed colors, pkt. 10c.**

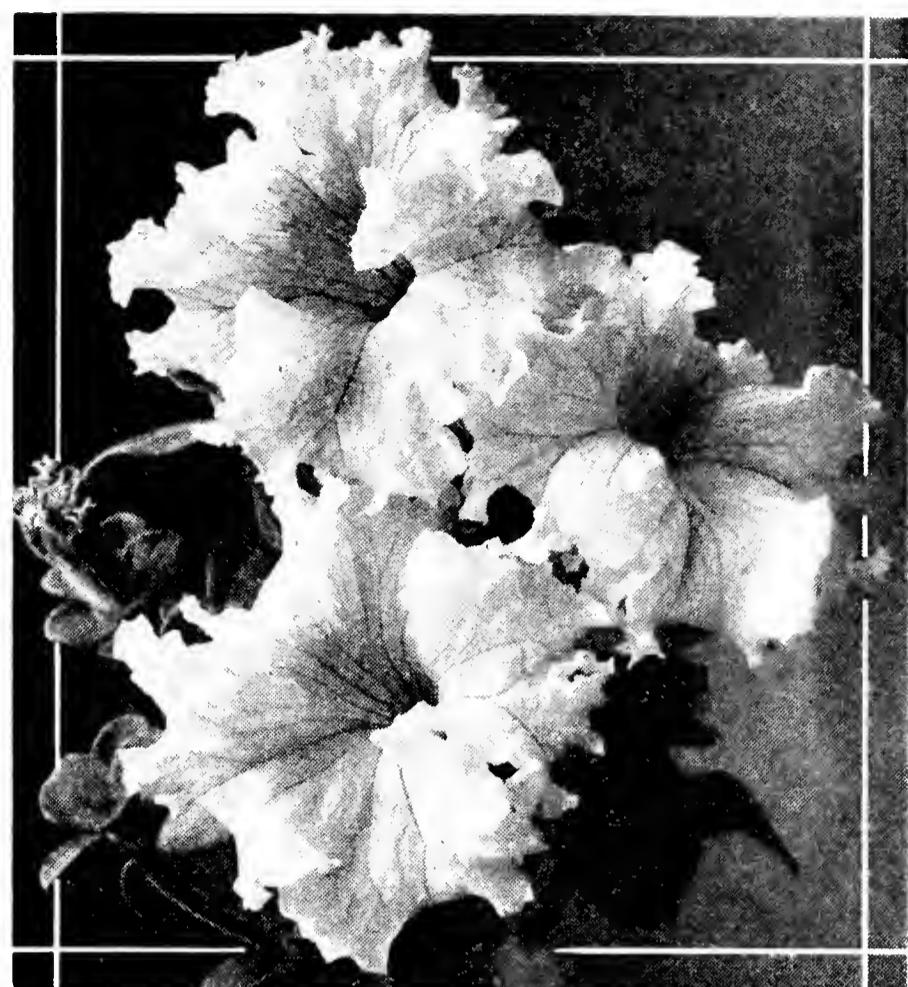
**YELLOW WONDER**—Special Mention, All-America Selections, 1937. Yellow Wonder is longer stemmed, larger flowered and more vigorous growing than any other Iceland Poppy. The showy, cup-shaped flowers grow about 4 inches across, are rich lemon-yellow; the clear yellow color is made especially vivid by the silky sheen of the broad, round petals. **Pkt. 25c.**

**ORIENTALE**—These are the royal members of the Poppy family. They are majestic in all their characteristics, have magnificent foliage, sturdy stems, huge cup-shaped flowers with crinkled petals, and large decorative pods. 2½ feet.

**Mixed Hybrids**—A splendid collection mostly red, with some white, rose, lavender, orange, and crimson. **Pkt. 10c.**



Poppy, Orientale



Petunia, Dainty Lady

## PETUNIA

**BURGUNDY**—Special Mention, All-America Selections, 1937. Petunia Burgundy is a large-flowered, plain edged variety (*Petunia hybrida grandiflora*). The color is a beautiful velvety Burgundy-red in lovely contrast to the inconspicuous white throat. **Pkt. 25c.**

**SINGLE FRINGED, DAINTY LADY**—Award of Merit, All-America Selections, 1936. Dainty Lady, a new yellow Petunia. The flowers are of medium size and daintily fringed, delicate light yellow deepening to golden yellow.

**FLAMING VELVET**—Gold Medal, All-America Selections, 1936. Petunia Flaming Velvet has caused a sensation because of the uniform excellence of its velvety, rich, blood-red flower. The plants are semi-compact in habit, about 15 inches in height, absolutely uniform, and the flowers are large and borne in great profusion. **Pkt. 25c.**

**NEW MINIATURE PETUNIA, ROSE GEM**—Award of Merit, All-America Selections, 1936. Rose Gem is a charming addition to the new miniature group of Petunias. The plant is neat and compact, 5 to 6 inches high and smothered with rich rose colored blooms about 2 inches in diameter. **Pkt. 20c.**

**ROSE KING IMPROVED**—Special Mention, All-America Selections, 1936. A bed or border of Rose King Improved, the new and improved strain of Rose King, is a sight not soon to be forgotten. Its flowers are a clear, rich rose with a delicate light golden throat, and the 18-inch plants are rather bushy, uniform, and literally covered with blooms. **Pkt. 25c.**

**DWARF SINGLE, MARTHA WASHINGTON**—A lovely novelty of dwarf, compact growth. 9 inches high, smothered with brilliant blooms about 3 inches in diameter. The frilled portion of the flowers is a charming flesh pink and the center is strongly veined with wine red. **Pkt. 25c.**

**RUFFLED GIANTS OF CALIFORNIA**—Ruffled monsters, a half dwarf type of erect and robust habit. The flowers are very large and ruffled, with open shallow throats. The colors are mostly the desirable red and dark shades, richly marked and veined. **Mixed Colors, pkt. 25c.**

**DWARF GIANTS OF CALIFORNIA**—A dwarf sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open well marked throats. **Ramona Strain—Mixed colors. Pkt. 25c.**

**DOUBLE VARIETIES**—We offer the finest strain of double Petunias and suggest that seed be started indoors in boxes or pans. The small, crumpled seedlings will give the finest flowers. **Choice Mixed Colors, pkt. 25c.**

# SWEET PEAS

## Giant Summer Flowering Spencer Types

In view of the ever-increasing number of new Sweet Peas, we take pleasure in offering to our customers a select list of choice varieties most suitable for general garden use. This list includes varieties recommended for garden cultivation by the National Sweet Pea Societies of England and America.

**Straight Colors—Pkt. 10c; oz. 30c.**

**GLENNEAGLES**—A most beautiful tone of light blue with just a suggestion of lavender.

**DAMASK ROSE**—The brightest rose-carmine Sweet Pea.

**MRS. A. SEARLES**—Salmon-cerise, merging into a soft oriental-red.

**WHAT JOY**—Primrose, shading to cream.

**RED BOY**—The very best crimson.

**IVORY PICTURE**—Rich ivory cream, flushed pink.

**AMBITION**—Rich deep lavender.

**WARRIOR**—Rich chocolate maroon.

**INTERNATIONAL**—Rich deep rosy mauve.

**PIRATE GOLD**—Golden orange.

**PINKIE**—Rose-pink with large frilled flowers.

**JACK HOBBS**—Cream-pink, flushed scarlet.

**OLYMPIA**—Deep rich purple. Immense size.

**SMILES**—Clear glistening salmon.

**WELCOME**—By far the best dazzling, scarlet sweet pea.

**AVALANCHE**—Immense glistening white flowers.

**SPECIAL MIXTURE SPENCER SWEET PEAS**—This is our special mixture and is a blend of all the most beautiful colors in Spencer Sweet Peas. Pkt. 10c; oz. 20c; 1/4 lb. 50c.

## PHYSALIS FRANCHETI, Chinese Lantern Plant

This hardy biennial plant grows to a height of about 2 feet and is a profuse bloomer, producing many large, striking flowers of a beautiful, brilliant orange-red color resembling Chinese lanterns in shape. Pkt. 10c.

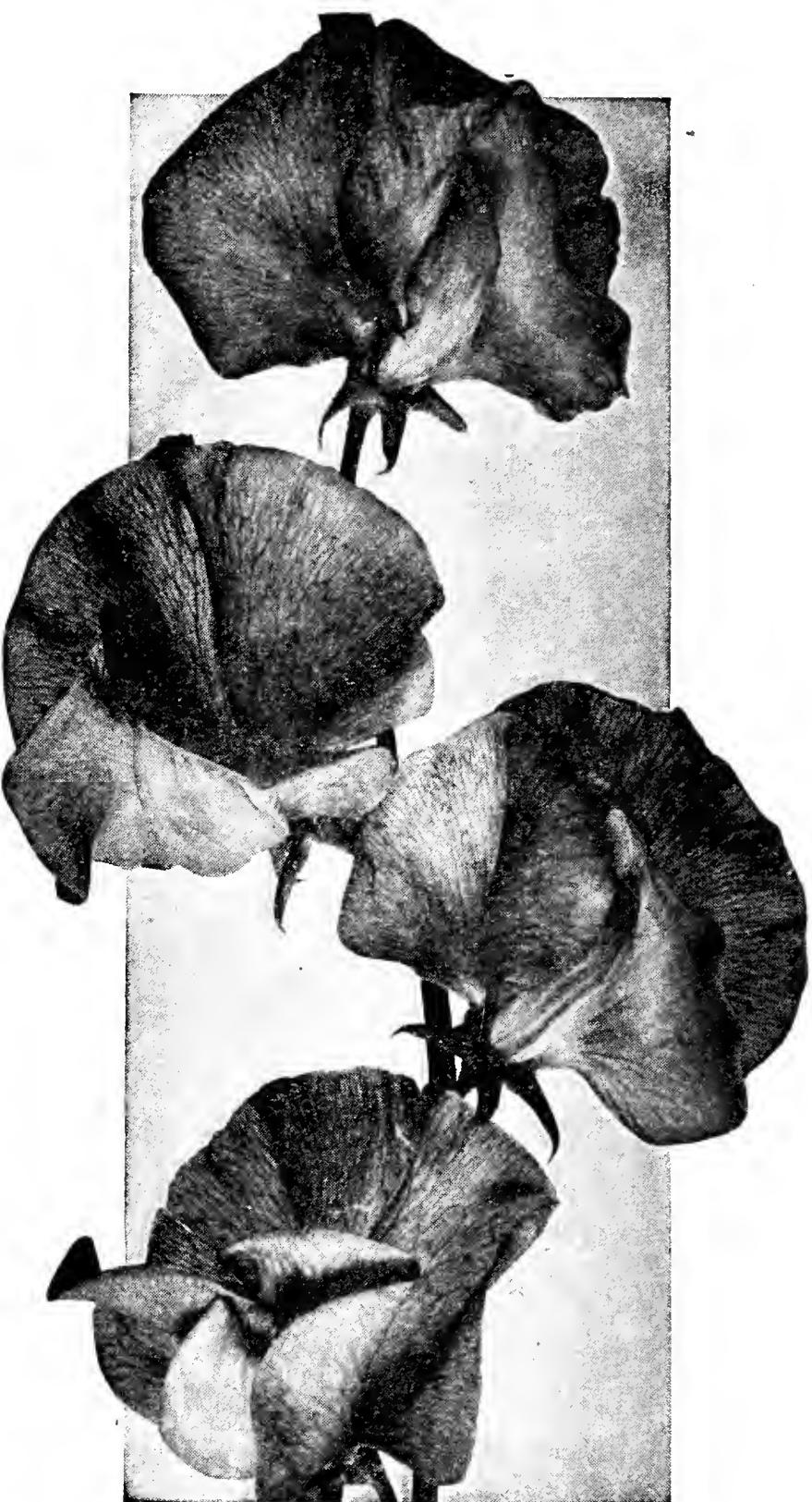
## PIN CUSHION FLOWER (See Scabiosa)

### PINKS (See Dianthus)

## PORTULACA, Moss Rose

Brilliant hardy annual, of easy culture; excellent for massing in beds, edging or rock work, thriving best in a light, sandy soil and a sunny situation. Flowers of the brightest colors. Double Mixed, Single Mixed. Pkt. 10c.

## POT MARIGOLD (See Calendula)



Sweet Peas

## RICINUS, Castor Bean

Magnificent, tall, large-leaved plants of tropical appearance, succeeding in a warm, sunny location. Beautiful for large foliage groups and background. Mixed colors, pkt. 10c.

## RUDBECKIA, Cone Flower

**BICOLOR SUPERBA**—Bright yellow flowers having a brown central disk. Blooms all summer. Very fine as cut flower. 2 feet. Pkt. 10c.

## SAGE (See Salvia)

## SAND VERBENA (See Abronia)

## SCABIOSA, Pincushion Flower

These beautiful hardy annuals grow about 2½ feet high and bloom from early in July without interruption until cut down by the frost. As a flower for cutting they are very popular.

**Tall Double Mixed—Pkt. 10c.**

**Dwarf Double Mixed—Pkt. 10c.**

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Salpiglossis

## SALPIGLOSSIS, Painted Tongue

For delicate grace, richness of coloring and velvety texture, the regal Salpiglossis has practically no equal. Superb Mixed, pkt. 10c.

**SALVIA, Flowering Sage**

Brilliant flower spikes from late summer until frost. The "Blues" are as attractive as the "Reds" and valuable as cut flowers.

**SPLENDENS**—Scarlet red. Loosely arranged flowers. 2½ to 3 feet. Pkt. 10c.

**FARINACEA**—Pale blue flowers on long stems. 3 feet. Pkt. 15c.

**SHASTA DAISY,  
Chrysanthemum Leucanthemum**

**ALASKA**—Pure white, extra large flowers. Excellent for cutting. Perennial. 2 feet. Pkt. 10c.

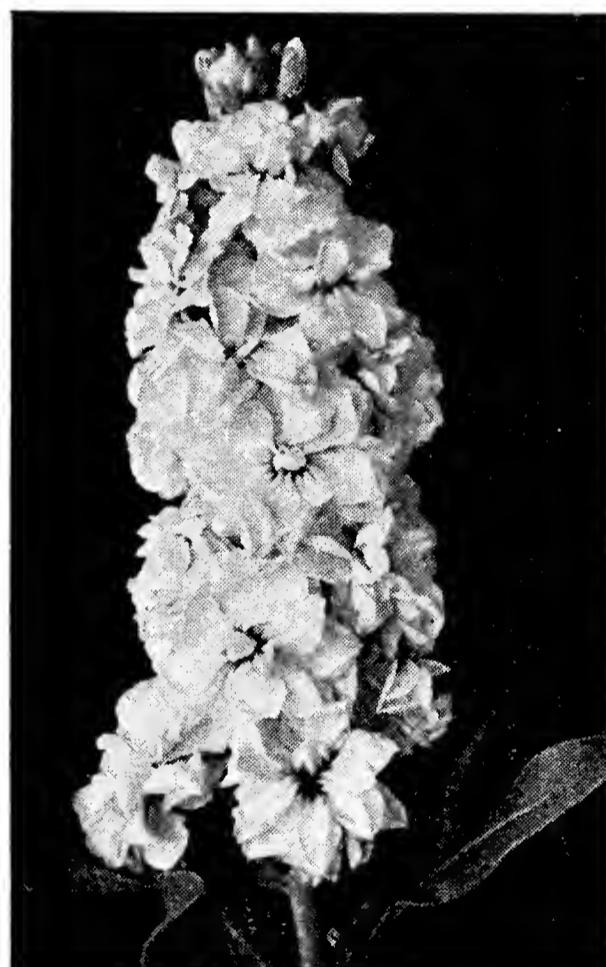
**SNAPDRAGON (See Antirrhinum)****STATICE, Sea Lavender**

Splendid plants, either for the border or rockery, producing all summer, panicles of small flowers, which can be dried and used for winter bouquets. 2 feet. Mixed Colors, pkt. 10c.

**STOCKS, Gilliflower**

**DWARF TEN WEEKS**—This early class forms dwarf compact plants that are excellent for edgings or low beds. They often do well in sections where plants of the later types cannot be grown. 12 inches. Mixed, pkt. 10c.

**GIANT IMPERIAL**—Long stems and imposing spikes of large flowers. It is about as early as Beauty of Nice and resembles it in habit, except that the plant is somewhat less spreading and considerably taller. 2 feet. Mixed, pkt. 10c.



Stock, Gilliflower

**STRAWFLOWER (See Helichrysum)****SUNFLOWER (See Helianthus)****SWEET SULTAN (See Centaurea)****SWEET WILLIAM, Dianthus Barbatus**

A well known, attractive, free-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers.

Double Varieties, Mixed—Pkt. 10c.

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**VALERIAN, Garden Heliotrope**

Hardy perennial. Pinnate foliage and panicles of flowers with odor of Heliotrope. 5 feet. June and July. Mixed, pkt. 10c.



Verbena

**VERBENA**

One of the most popular garden annuals for beds and massing and for a gorgeous display during the summer months cannot be excelled, commencing to flower in July and continuing until frost. Mammoth Mixed, pkt. 10c.

**FLORADEALE BEAUTY**—Special Mention, All-America Selections, 1937. A giant hybrid, the flowers varying from bright rose-pink to deep rose-red of exceptional brightness. Individual florets are of perfect form, fully rounded, and average 1¼ in. across; they make up into heads or trusses which measure 4 to 5 in. across. Plants are very free flowering and grow about 2½ ft. across. Pkt. 10c.

**VERONICA, Speedwell**

An elegant hardy perennial plant of easy culture and free flowering habit. Of value as a cut flower or for the garden.

**SPICATA**—Bright blue flowers. 18 inches. Pkt. 10c.

**VIRGINIAN STOCKS,  
French Forget-me-nots**

Small red, rose and white flowers about ¾ in. across. Fine for edgings. For continuous display until fall, several successive sowings should be made about two weeks apart. 6 to 8 in. Mixed Colors, pkt. 10c.

**WALLFLOWER**

These half-hardy perennial and annual wallflowers are grown for early spring bedding and for their delightful fragrance.

**ANNUAL EARLY DOUBLE**—Mixed, pkt. 10c.

## ZINNIAS

**FANTASY, STAR DUST**—Award of Merit, All-America Selections, 1937. Star Dust is an informal shaggy-petaled, medium-sized, delicate and graceful Zinnia. The color is a rich deep golden yellow, while the very free flowering, 2½ to 3 foot plants are early blooming, coming into flower about 45 to 50 days from the time of planting. Pkt. 25c.

**FANTASY**—Award of Merit, All-America Selections, 1935. The rounded, medium-sized shaggy flowers are borne profusely on 2½ to 3-foot plants, in a wide and varied color range which includes the brightest shades of red, yellow and orange, as well as the popular pastel pinks and cream. Finest Mixed, pkt. 15c.



*Zinnia Scabious Flowered*

**SCABIOUS FLOWERED**—Among the oddest and most attractive Zinnia forms, bearing a remarkable resemblance to the annual Scabiosa. The plants are extremely free flowering, 2 to 2½ feet high. Mixed Colors, pkt. 15c.

**TOM THUMB**—These tiny flowered Zinnias have a charm the larger ones can never attain, and make a brilliant display. They come in attractive color combinations, red tipped gold, salmon and gold, primrose yellow. All colors, mixed, pkt. 10c.

**DOUBLE DAHLIA FLOWERED**—2½ feet. Enormous double flowers are produced by robust branching plants. The flowers usually have slightly hollowed centers ringed with small tubular florets. The petals are quite loosely placed and tend to curl at the edges, giving the blossoms a crisp, fresh appearance.

**Canary Bird**—Rich canary yellow. Pkt. 10c.

**Crimson Monarch**—Deep crimson, large flowers. Pkt. 10c.

**Golden Dawn**—Golden yellow. Pkt. 10c.

**Dream**—Deep rosy lavender. Pkt. 10c.

**Exquisite**—Light rose, deep rose center. Pkt. 10c.



*Zinnia Dahlia Flowered*

**Oriole**—Orange and gold bicolor. Pkt. 10c.

**Scarlet Flame**—Bright scarlet. Pkt. 10c.

**Polar Bear**—White. Pkt. 10c.

**Mixed**—Pkt. 10c.

### *"Famous Foods for Famous Dogs"*

#### CHAPPEL BROS.

#### LINE OF COMPLETELY BALANCED RATION DOG FOOD:

*We are distributors for this famous line of specialty foods in this territory.*

#### U. S. Government Inspected Fresh Meat Products, Vitamin Fortified

**Ken-L-Biskit** . . (Kibbled, Small and Large Cakes) 35% Fresh Lean Meat.

**Ken-L-Worth** . . (Kibbled, Small and Large Cakes) 35% Fresh Lean Meat.

**Ken-L-Lac** . . Liquid Pet Food.

**Maro Meat** . . Just Meat and Maro.

**Ken-L-Ration** . . "Three Times More Meat"

**Kit-E-Ration** . . For the Cat—a Liver and Heart Product.

Bring us your feeding problems. Ask us about securing Pictures of your favorite Champion.

Write for prices and literature.

# ORNAMENTAL SHRUBS AND VINES

## ALMOND, *Prunus*

**PINK FLOWERING** (*P. Japonica*)—Well-known early dwarf shrub. Double, clear pink little roses festoon the gracefully bending branches. Height at maturity, 3 feet. **Each 75c, postpaid.**

## ALTHAEA, Rose of Sharon

Late summer blooming; continues into the fall when color is scarce, bearing flowers that closely resemble Hollyhocks in color and size. Colors pink, white or red. Maturity height, 10 feet. **Each 75c, postpaid.**

## BUDDLEIA

**ISLE DE FRANCE**—A beautiful new type of Butterfly Bush or summer lilac. It produces a profusion of lovely dark lilac purple flowers in late summer and early autumn. Foliage is light green with silvery reverse. 2 years. **Each 60c, postpaid.**

## BARBERRY

**B. THUNBERGI** (Japanese)—Low growing with clusters of white flowers in May. Foliage changes to a red in autumn. Maturity height, 4 feet. **Each 75c, postpaid.**

**B. THUNBERGI ATROPUREA**—This new plant resembles the Japanese variety except that its foliage is blood-red in spring. The color holds all summer and it has red berries all winter. **Each \$1.00, postpaid.**

## BEAUTY BUSH, *Kolkwitzia*

**K. AMABILIS**—A fine new shrub from Asia. Graceful sweeping branches bear pink flowers with yellow streaks in great profusion. Height at maturity, 6 to 8 feet. **Each \$1.00, postpaid.**

## CARAGANA

**SIBERIAN PEA SHRUB**—A mighty valuable shrub wherever a tall, informal type hedge or screen effect is desired. A rampant grower, tall and slender, with pretty yellow flowers in late spring. It grows 15 to 20 feet high and should be planted about 18 inches apart when a solid, dense effect is wanted. **Each 30c; 10 for \$2.50; 100 for \$20.00, postpaid.**

## DEUTZIA

**PRIDE OF ROCHESTER** (*Deutzia Crenata*)—Pure white, tinged with blush. Flowers very double, blooming May and June. Maturity height, 6 feet. **Each 75c, postpaid.**

## CORNUS

**SIBERICA**—Red Twig—A splendid fast growing shrub. Its pretty red branches add color to the landscape especially in winter when defoliated. White flowers in May. Height at maturity 8 to 10 feet. **Each 65c, postpaid.**



Forsythia

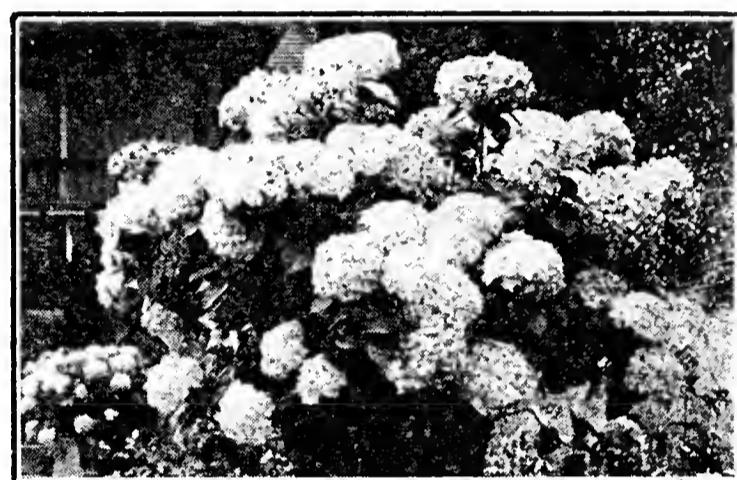
## FORSYTHIA, Golden Bell

**F. FORTUNEI**—Blooms in dense masses of golden yellow flowers in early spring. Beautiful as lawn shrub. **Each 75c,** **INTERMEDIA**—Another fine Forsythia, blooming in early spring before its leaves develop. Maturity height 8 to 10 feet. **Each 75c, postpaid.**

## HONEYSUCKLE, Bush

**RED TARTARIAN**—Blooms in May. Bright pink flowers **Each 75c, postpaid.**

**PINK TARTARIAN**—Upright, bushy growth, flowering freely with blooms and little lighter in color than the above variety. Maturity height 8 feet. **Each 75c, postpaid.**



Hydrangea

## HYDRANGEA

**ARBORESCENS** (Snowball Hydrangea)—A new ever-blooming shrub; attains a height of 6 feet. Literally loaded with large panicles of snow-white flowers all the season. **Each 75c, postpaid.**

**PANICULATA GRANDIFLORA**—One of the very showiest of all flowering shrubs. It is a sturdy upright plant and blooms in early fall, a time when few other shrubs flower. It has large panicles of white flowers turning pinkish after opening. **Each 85c, postpaid.**

## KERRIA

**K. JAPONICA FLORE-PLENO**—Blooms all summer long with beautiful double yellow blossoms. Bright green stems and deep green foliage. **Each \$1.00, postpaid.**

## LILAC, *Syringa Vulgaris*

Maturity height, about 15 feet.

**COMMON**—White or purple. **Each 75c, postpaid.**

**LUDWIG SPAETH**—One of the showiest of the new French Grafted types. Flowers are extraordinarily large, graceful panicles, rich wine red in color. **Each \$1.25, postpaid.**

## MOCK ORANGE, *Syringa*

**P. CORONARIUS**—A very hardy and rather large growing shrub with a profusion of single creamy white flowers having lovely fragrance. Maturity height 12 feet. **Each 75c, postpaid.**

**P. VIRGINAL**—Double white flowers, very large and quite fragrant. An excellent new variety. The best Mock Orange. Height at maturity, 7 to 9 feet. **Each 75c, postpaid.**

## PRIVET, *Ligustrum*

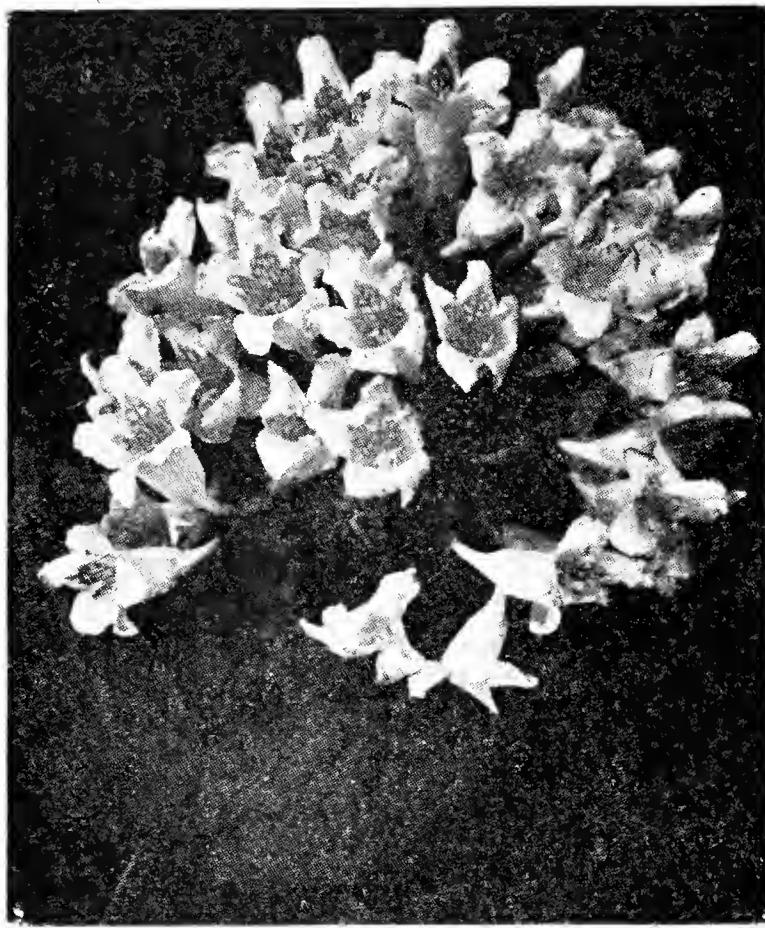
**ENGLISH PRIVET** (*L. Vulgare*)—A little harder, for colder climate; leaves smaller. Maturity height, 10 feet. 18 to 24 inch, 10 plants \$1.20; 100, \$10.00. 12 to 18 inch, 10 plants \$1.00; 100, \$8.00.

## QUINCE

**JAPANESE FLOWERING**—Covered with bright scarlet flowers very early in spring before leaves appear. Maturity height, 4 feet. **Each 75c, postpaid.**

## RUSSIAN OLIVE

Large shrub with long, narrow silvery foliage. Flowers yellow, appearing in May, followed by yellow berries. Maturity height, 10 feet. **Each 75c, postpaid.**



Weigelia

### SNOWBALL, Viburnum

**COMMON**—Flowers globular, pure white, in May. Maturity height, 12 feet; 2 to 3 feet. **Each 75c, postpaid.**

**V. CARLESI**—A distinct shrub that grows to a height of 4 feet, with rounded leathery foliage. In spring come the fragrant pinkish white flowers. **Each \$1.65, postpaid.**

**V. OPULUS** (Highbush Cranberry)—This shrub grows about 10 feet high, blooms in June with an abundance of white, flat-shaped flowers, followed with clusters of red fruit which suggest its common name. **Each 75c, postpaid.**

### SYMPHORICARPOS, Snowberry

**S. VULGARIS** (Indian Currant)—Red fruited snowberry, habits similar to white, but loaded with dark red berries fall and winter. Grows to 4 feet. **Each 50c, postpaid.**

**S. RACEMOSUS**—A fine ornamental shrub with small pinkish flowers in July followed by white berries in winter. Height, 4 to 5 feet. **Each 75c, postpaid.**

### SPIREA

**BILLARDI'S** (S. Billardi)—Flowers red in dense spikes. Blooms most of summer. Maturity height, 4 feet. **Each 60c, postpaid.**

**CRIMSON, Anthony Waterer** (S. Bumalda)—A desirable variety; deep red flowers, blooming all summer; fine for foreground planting. Maturity height, 4 feet. **Each 50c, postpaid.**

**PRUNIFOLIA** (Bridal Wreath)—Slender, erect growing, having beautifully colored foliage and bearing very early in the spring, small double, white flowers the entire length of its branches. **Each 75c, postpaid.**

**THUNBERGII**—Charming spirea with graceful form and abundant blooms. Maturity height, 4 feet. **Each 60c, postpaid.**

**VAN HOUTTEI'S BRIDAL WREATH** (S. Van Houttei)—Very graceful; flowers white in clusters. May. Maturity height, 6 feet. **Each 50c, postpaid.**

### TAMARIX

**JUNIPERANA** (Africana) — Ornamental tree with soft, juniper-like leaves, pink flowers. Maturity height, 14 feet. **Each 75c, postpaid.**

**T. HISPADA**—Slender, upright branches, pink flowers with bluish green leaves. **Each 85c, postpaid.**

### WEIGELIA

A most desirable free-flowering shrub, covered in the late spring with a mass of trumpet-shaped flowers, showing a profusion of bloom that is unequalled. Maturity height, 12 feet. **Each 75c, postpaid.**

**ROSEA**—Flowers light pink, shrub compact.

**EVA RATHKE**—Flowers red; one of the best.

## VINES

### Boston Ivy

The most popular climbing vine for covering brick, stone or wooden walls. When it becomes established it is a very rapid grower and clings to the smoothest surface. The foliage is of a rich olive green during the summer, changing to various shades of bright crimson and scarlet in the fall. Strong, two-year roots. **Each 75c, postpaid.**

### Clematis, Paniculata

**JAPANESE VIRGIN'S BOWER**—A luxuriant grower, profuse bloomer with fine foliage. Pure white, medium-sized, fragrant flowers, produced in the greatest profusion in late summer. **Each \$1.00, postpaid.**

**C. JACKMANI**—The most popular Chinese Clematis. Has exquisite large purple flowers. **Each \$1.00, postpaid.**

### Honeysuckle, Hall's Japan

An almost evergreen variety, with pure white flowers, changing to yellow. Very fragrant and a vigorous grower. **Each 75c, postpaid.**

### POLYGONUM

**AUBERTI** (Silver Lace Vine)—A lovely vine, enveloping itself with pretty, lacy, white flower in summer. **Each 65c, postpaid.**

### Virginia Creeper

Also called Woodbine. A very rapid grower, having beautiful, dark green foliage. Assumes rich crimson hues in autumn. **Each 60c, postpaid.**

### Wisteria

**CHINESE PURPLE**—A very strong growing vine, often growing 15 to 20 feet in a season. Has long clusters of sky-blue flowers. Extremely hardy. Strong plants. **Each 75c, postpaid.**

### GRAPES

**CAMPBELL'S EARLY**—Nearly round, black, with light purple bloom; flesh rather firm but tender; quality rich, sweet, slightly vinous. A strong, vigorous grower. August.

**CONCORD**—Large, black grape; bunches compact; berries round, sweet, pleasant. August.

**AGAWAM**—The best of the red, hardy types. Fruit reasonably large, delicious and abundantly borne on fast growing vine.

**MOORE'S EARLY**—Berry large, resembling Concord, but more pulp and earlier.

**NIAGARA**—Bunch medium; berry large, roundish, uniform; skin thin but rough; pale yellow flesh, tender and sweet; vine vigorous and productive. One of the best white. September.

**WORDEN**—Bunch large and compact; berry large, black; improved Concord. Late August.

**Two-year plants, each 20c; 10, \$1.75; 100, \$15.00; postpaid, each 25c; 10, \$1.90; 100, \$15.50.**



# GARDEN SUPPLIES

## CHLORATE WEED KILLERS

Kills by penetration, Morning Glory, Canada Thistle, Quack Grass, Poison Ivy, Johnson Grass, Russian Knapweed, Willows, Brush Puncture Vine and all other weeds and forms of vegetation.

### SODIUM CHLORATE AND ATLACIDE (Calcium Chlorate)

Chlorates are used by the Federal Government and recommended by State Agricultural Experiment Stations for killing noxious weeds, etc. Please write for literature and prices.

#### SPRAY YOUR PLANTS THIS NEW SAFE WAY

A highly effective, non-poisonous insecticide. Absolutely harmless to man, livestock, birds and pets. (No danger of eating poisoned vegetables.)

Cannot burn or otherwise injure most delicate plants even in the concentrated solutions. Keeps its strength indefinitely. No continuous agitation necessary—remains in solution and will not gum sprayers. Will not injure rubber, metal, hands or clothing. Tests show EVER GREEN to be effective against cutworms, cucumber beetles, cabbage worms, aphis (plant lice), leaf hoppers, thrips, rose slugs, melon beetles, currant worms and most other insects, both chewing and sucking. Being non-poisonous, it is mailable. One gallon makes 800 gallons effective aphis spray. Prices: 1 oz. 35c (makes 9 gal. spray); 6 ozs. \$1.00; 16 ozs. \$2.00; gallon bottle, \$11.00. Full instructions with each bottle.



## "Black Leaf 40" FRIEND of Growers and Poultry People!

**40% Nicotine.** The world's leading contact insecticide and poultry delouser. Always dependable. "A little goes a long way."

### Kills Aphids, Thrips, Leaf Hoppers and

other insects on garden, farm and orchard crops by contact and fumes—an advantage not possessed by non-volatile, non-poisonous spray materials.

### Also Kills Poultry Lice . . .

Merely paint tops of perches with "Black Leaf 40." Body heat from roosting birds creates fumes which penetrate feathers and kill lice and feather mites.



1 oz. ....	\$0.35	2 lbs. ....	\$3.25
5 ozs. ....	1.00	5 lbs. ....	5.85
1 lb. ....	2.25	10 lbs. ....	10.60

## STANLEY'S CROW REPELLANT

### Saves Replanting

Will absolutely prevent crows and other corn pulling birds and animal pests such as moles, woodchucks, gophers, squirrels, etc., from pulling corn.

8 oz. Can, enough to treat 1 bu. seed corn, postpaid \$0.70  
1 pt. Can, enough to treat 2 bu. seed corn, postpaid 1.10

All Spray Materials F.O.B. Lewiston

## NO SOIL NEEDED

To grow Vegetables and Flowers with Keme-Kel. Grow them in Sand or Water, and keep them free from weeds, insects, disease or fungi. Experimental package, sufficient to make 7½ to 15 gallons Nutrient Solution.

85c, postpaid.

## WE CARRY A FULL LINE OF STOCK AND POULTRY FEED

Hess and Conkey's Tonics and Remedies.

Sperry's Tested Feeds.

Please write for price lists.

Reg. U. S. Pat. Office

## CEL-O-GLASS

U. S. Patent 1,580,287

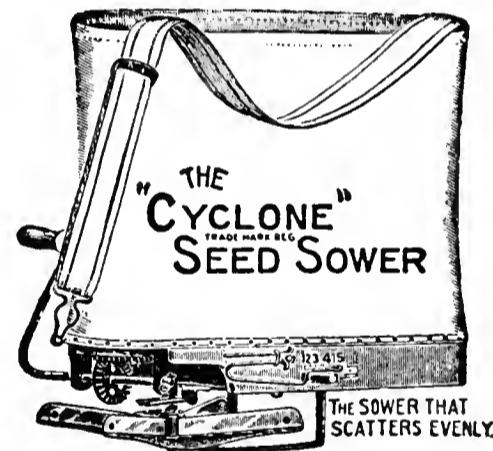
Unbreakable, weather proof; passes violet rays; economical, durable, healthful. Comes in rolls 36 inches wide by 100 feet long. Price, 40c per running foot, postpaid.

## GLASS FABRIC

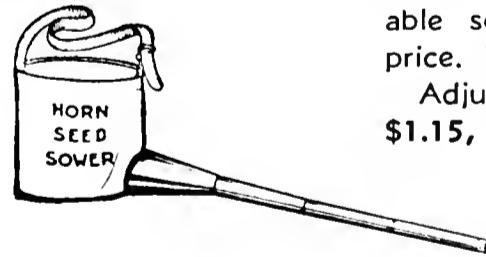
The same preparation is used as on the Cel-O-Glass but put on cloth. The same results are obtained, but of course it is not as durable. Comes 3 feet wide. Price, 30c per square yard, postpaid.

## CYCLONE SEED SOWER

Guaranteed to distribute seed perfectly, direct and evenly to the land. Sows clover, timothy, red top, alfalfa, oats, rye, wheat, millet, buckwheat, turnip and other varieties of farm seeds. Clover seed is sown at a width of 18 feet; timothy, 15 feet; alfalfa, 20 feet; wheat, 25 feet; millet, 18 feet; oats, 18 feet. Price, \$2.60 each, postpaid; \$2.45 each, not postpaid.



## TIN HORN SEEDER



able seeder at a very low price. Weight 1 pound. Each Adjustable. A good service-\$1.15, postpaid.

## GARDEN SET

Consisting of one Garden Trowel, one Transplanting Trowel, one Garden Weeder. All made of one-piece heavy pressed steel finished in black baked enamel.

Each 25c; Set of 3, 75c, postpaid.

## HAND WEEDER

Made of one piece of hard, stiff steel. Ground edge and baked enamel handle.

Each 25c, postpaid.

## ALL STEEL LAWN WEEDER

Postpaid, each 35c

# POULTRY SUPPLIES

## ROUND BABY-CHICK FEEDERS

The most popular on the market. The top fits snugly, yet can be easily taken apart for cleaning and filling. A great feed saver.

No. 11—Dia. 6 in., 8 holes. Price postpaid.....15c  
No. 12—Dia. 8½ in., 12 holes. Price postpaid.....30c



## SPIRAL CELLULOID BANDS

Don't forget to specify the colors wanted: Cerise, Blue, Red, Green, White, Orange, Black.

No. 5 for pigeons and baby chicks.  
No. 6 for bantams and growing chicks.  
No. 8 for Leghorns, Minorcas, etc.  
No. 11 for Plymouth Rocks, Rhode Island Reds.

12 Bands 50 Bands 100 Bands

No. 6, 8, 11.....	\$0.15	\$0.50	\$0.75
No. 5 .....	.10	.30	.50

# FERTILIZERS

## GYPSUM or LAND PLASTER

A necessary plant food for legumes on soils that are lacking in sulphur. Will increase the yield from 50 to 100%. Apply at the rate of 200 pounds to the acre every second or third year. Price: 100 lbs. 90c; ton, \$15.00.

## SHEEP GUANO

One of the best fertilizers for lawns and gardens. Free from any disagreeable odors. Our brand is kiln dried and thoroughly pulverized, and is therefore quick in action. There is no danger of applying too much. 100 pounds is sufficient to fertilize 1,000 square feet of lawn. Price: 100 lbs. 90c. Special quantity price of \$15.00 per ton.

## PLANTONE—4-20-5

For lawns, flowers, vegetables, trees and shrubs. All plants need a number of food elements. Plantone is scientifically prepared especially for western soils, and contains the needed elements in right proportions. Plantone is odorless and easy to apply. Prices: 100 lbs. \$3.75; 50 lbs. \$2.10; 25 lbs. \$1.45; 10 lbs. 85c; 5 lbs. 45c; 1 lb. can 10c.

## SULPHATE OF AMMONIA

Analysis—Nitrogen as Ammonia 25%

Sulphate of Ammonia is one of the most quickly available and most desirable forms of nitrogen to use. It is at once absorbed by the water in the soil and immediately effective. Use 2 to 3 pounds to fertilize 1,000 square feet of lawn or 400 to 600 pounds per acre. Price: 100 lbs. \$3.50.

## BONE MEAL

Analysis—Nitrogen 2%, Phosphoric Acid 30%

Bone Meal is one of the best fertilizers to use where Nitrogen and Phosphoric Acid are needed. It is especially good for lawns and flower beds. Is slow in action and there is no waste as the plant food is released only as fast as it can be taken up by the plants. It can be used in almost unlimited quantities without danger of burning the plant. Price: 100 lbs. \$2.75.

We can supply any kind of fertilizer you are interested in, and will be glad to quote prices upon receipt of your request.

## ACME PRODUCTS

### DAWG GONE

Keeps dogs away from trees and lawns. Tubes, 35c.

### ACME APHIS SPRAY

For control of aphids and other insects infesting rose bushes, flowers, etc. 3 oz. tube, 35c; 12 oz. tube, 95c.

### ACME ALL-ROUND SPRAY

Arsenate of Lead, Nicotine Sulphate and Bordeaux Mixture. 1/4 lb. 40c; 1 lb. 90c.

## NUMBERED ADJUSTABLE BANDS

Aluminum with large raised figures, 1 to 100, adjustable to fit any breed.

12 bands, 1 to 12.....	\$0.15
25 bands, 1 to 25.....	.25
50 bands, 1 to 50.....	.40
100 bands, 1 to 100.....	.75

## No. 5776 Tykos Incubator-Zone Thermometer

Price, prepaid ..... \$0.90

## TYCOS HYGROMETER

Takes the space of one egg in the incubator and tells the true moisture condition. Each packed with booklet.

No. 5796 Hygrometer, \$1.75; prepaid, \$1.85.

Extra Silk Wicks, each 15c.

## NITRATE OF SODA

Analysis—Nitrogen as Ammonia 18%

One of the most valuable fertilizers where quick leaf growth is desired. Used extensively for fruit trees, lettuce, radishes, celery and other quick-growing crops. Price: 100 lbs. \$3.50.

## CYANOGAS

G. Fumigant. 4-oz. can Ant Killer 30c.; 5-lb. can \$3.00; 25-lb. drum \$10.00. Also used for general fumigating.

Granular. 1-lb. can 75c; 5-lb. can \$2.00; 25-lb. drum \$6.

"A" Dust. 1/2-lb. can 45c; 1-lb can 75c; 5-lb. can \$2.50; 25-lb. drum \$6.00.

Cyanogas Dusters. \$9.50 each. All f. o. b. Lewiston. Cyanogas cannot be mailed.

## DU BAY SEED DISINFECTANT

Increase your yields by using:

New Improved Ceresan. For smut control in wheat and other grain. 1-lb. can 70c; 5-lb. can \$3.00.

New Improved Semesan Jr. For control of corn diseases. 4-oz. can 35c; 1-lb. can \$1.00.

New Improved Semesan Bel. A dip control of seed potato diseases. 4-oz. can 45c; 1-lb. can \$1.50; 5-lb. can \$6.75.

Semesan A general disinfectant for vegetable and flower seeds or bulbs, and certain plant diseases 1/3-oz. pkt. 10c; 2-oz. can 35c; 1-lb. can \$2.25.

Nu-Green. A disinfectant for Brown Patch in lawns—its prevention and control. 3-oz. can 35c.

All f.o.b. Lewiston.

**Don't Forget**

**LEWIS-CLARK QUALITY  
SEEDS**  
**For Satisfactory Results**

**WE CARRY A FULL LINE OF POULTRY,  
ORCHARD AND BEE SUPPLIES**

Please write us for prices on any items you want which are not listed in this catalog.

## Received

## 1939 ORDER SHEET

**Date Filled by**

# **Mark Means Co.**

## **LEWISTON, IDAHO**

**WRITE YOUR NAME AND ADDRESS PLAINLY**

Name \_\_\_\_\_

County.....) R. P. ....

Postoffice } Box

**State**

If different from Postoffice, give name of town or city in which your nearest freight or express office is located. } Check in square if to be shipped by Mail  Express  or Freight

Check in square if to be shipped by  
Mail  Express  or Freight

**AMOUNT ENCLOSED**

**Cash** = \$

## P.O. Order \$

### Exp. Orders

Draft 8

## **Stamps**      **\$**

Total - \$

Gentlemen:

Date \_\_\_\_\_ 193

193

Enclosed find \$..... for which please send me the following:

We give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs, plants or trees we send out, and will not be in any way responsible for the crop.

**HAVE YOU ADDED POSTAGE TO ITEMS NOT POSTPAID?**





## LAWN GRASS SEED

To have a good lawn the soil must be rich, carefully worked and well leveled. All refuse should be removed and some good fertilizer worked into the soil. Either fine pulverized Sheep Guano or Plantone Lawn Fertilizer will give good results. **Then use the best seed obtainable.** Plant any time from September until late spring. Rake in the seed and then roll. In watering your lawn soak it deeply and not too often, as frequent light waterings tend to bring the roots close to the surface, where they quickly dry out and sometimes burn out. But don't expect to make a good lawn with cheap seed.

A mixture of several varieties of grasses usually makes the best lawn. All grasses have an off or rest period at some time during the year, and during these rest periods very little new growth appears. These rest periods vary with different grasses, and by seeding a mixture the lawn always looks thrifty and fresh.

Buy the best seed you can afford, as the cost of seed is a minor item compared to the rest of the expense connected with making a lawn.

Our lawn mixtures are made up of seed of the highest purity and germination that we can buy, or we can furnish you with the straight varieties and you can make your own mixture.

### BLUEBENT LAWN MIXTURE

A mixture of fine-leaved turf grasses containing a large percentage of Creeping Bent and Chewing Fescue. Both these grasses spread by means of underground root stalks and will eventually exclude other grasses. A Bluebent lawn is a permanent investment.

**1 lb. 85c; 5 lbs. \$3.75, postpaid.**

**LEWIS-CLARK MIXED LAWN SEED**—Our Mixed Lawn Grass Seed is made up of only the fine leaved and long lived grasses which will produce a beautiful, velvety, carpet-like lawn that will last for years. Enough White Clover is used to make a quick showing and act as a nurse crop for the grasses while they are becoming established. **Price: lb. 55c; 5 lbs. \$2.50, postpaid.**

**CREEPING BENT**—For those desiring the finest lawn possible, we recommend Creeping Bent Grass seeded straight. This grass grows rapidly, is of fine texture and spreading habit, and makes a strong, enduring sod. **Price: lb. \$1.50, postpaid.**

**CHEWING FESCUE**—A low-growing, fine-leaved grass which forms a close turf that prevents ingress of weeds. Thrives in all kinds of soil, even the lightest and driest. Unexcelled for lawns and golf courses. **Price: lb. 85c; 10 lbs. \$7.50, postpaid.**

**SHADY LAWN MIXTURE**—We also have a mixture for seeding in shady places. This is a combination of the most successful of fine leaf grasses that do especially well in shade. It is carefully prepared and a mixture of expensive imported grasses. **Price: lb. 85c, postpaid.**

**KENTUCKY BLUE GRASS**—The most important grass for lawn making and is the base of our Lewis-Clark mixed lawn seed. It is the first grass to start in the spring and remains green until late winter. Is very hardy and is uninjured by cold or heat.

**Lewis-Clark**—**Price: lb. 40c; 10 lbs. \$3.25, postpaid.**

**WHITE CLOVER**—White Clover is especially valuable when mixed with other grasses and adds greatly to the appearance of the lawn.

**Lewis-Clark**—**Price: lb. 75c; 10 lbs. \$7.00, postpaid.**



# NOVELTY ANNUAL FLOWER SEEDS



Aster, Early Giant Light Blue

**ASTER, EARLY WILT-RESISTANT, LIGHT BLUE**—An excellent early blooming, semi-tall basal branched, non-lateral type. Fully wilt-resistant, extremely large flowered and a most attractive rich light blue color, a shade which blends in beautifully with either deeper or lighter tones. Pkt. 25c.

**ASTER, CREGO ENCHANTRESS**—A luscious shade of lively salmon rose. Distinct and new from all other colors yet developed in Asters. Flowers are large, of good substance, and are produced on free flowering, branching, wilt resistant plants. Blooms in early September. Pkt. 25c.

**ASTER, ILLUSION**—Another new color is a wilt resistant Aster. A soft, apricot pink. The plants are upright, about two feet tall and very free blooming. Fine for cutting. Flowers during mid-August. Pkt. 25c.

**CALENDULA, ORANGE FANTASY** — Silver Medal, All-America Selections, 1938. Distinct. Rather dwarf, heavy foliated plants. 18 to 24 in. Orange flowers with center cushion of seal brown. True. A fine novelty. Pkt. 15c.

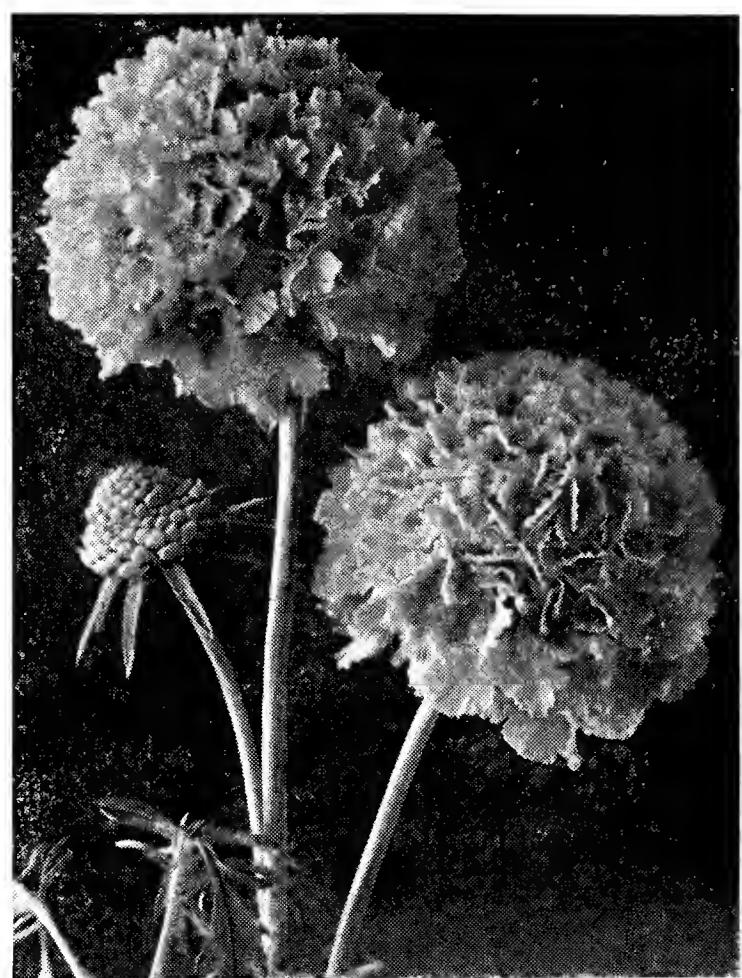
**CALLIOPSIS, GOLDEN CROWN**—Silver Medal, All-America Selections, 1938. An enlarged Drummondii. A rich orange yellow or gold of pleasing fragrance. Makes a good cut flower with 12 in. wiry stems. Similar to Golden Crest. Pkt. 15c.

**CORNFLOWER, JUBILEE GEM** — Silver Medal, All-America Selections, 1937. Jubilee Gem is a dwarf variety of Cornflower making a compact plant literally covered with flowers. The plant is about 12 inches in height. Easy to grow, it is "everyone's" flower and is adaptable for almost any purpose to which a plant may be put. As an edging plant, a border plant, or for ground work in formal beds of Roses, etc., it will be found admirable; it is a fine cut flower and, above all, it may be sown outside in the Autumn for Spring flowering, or in the Spring for Summer flowering. Pkt. 15c.

**COSMOS, SENSATION PINKIE**—This is the finest new development in Cosmos. The flowers are very large, as much as 5 inches in diameter, with broad, heavy fluted petals, slightly overlapped. Ideal for cut flowers. Sturdy plants are 3 to 4 feet high, producing flowers 8 to 10 weeks from seed. Pkt. 15c.

**DELphinium, PACIFIC HYBRIDS**—A new strain of Delphiniums. Huge flowers, 2½ to 3½ inches in diameter, beautifully spaced on well-balanced tall spikes with thin woody stems. They have a high resistance to mildew. The color range is excellent and comes practically 100% double florets. Pkt. 25c.

**CHRYSANTHEMUM MARIGOLDS**—A new strain of Marigold Hybrids identical in form of flower with the lovely incurved Chrysanthemum. Plants are very floriferous and the stems are good and strong for cutting. A great advance in African Marigolds and comes in orange, golden orange and yellow. All colors true and 100% double. Pkt. 25c.



Scabiosa, Imperial Giants Blue Moon

**NEW COLLARETTE MARIGOLD, CROWN OF GOLD**—Gold Medal, All-America Selections, 1937. A new kind of Marigold with a Chrysanthemum-like crown surrounded by a collar of big, broad petals of the same color, bright golden orange. It is the only Marigold with entirely odorless foliage. The flowers have a delicate fragrance. Plants grow about 2 ft. tall, bloom early, profusely and continuously until frost. Lovely in the garden; wonderful for cutting. Pkt. 15c.

**SHAKESPEARE'S PANSIES**—A simple, quaint little Pansy suitable for any location in the garden and can be easily grown wherever Pansies are successful. In no sense a "florist" Pansy. Pkt. 25c.

**PETUNIA HYBRIDA, HOLLYWOOD STAR** — Silver Medal, All-America Selections, 1938. A charming shade of rich rose with an amber throat. Unique in the form of its flower which consists of a five-pointed star. A very fine garden variety as it is early, free blooming and a strong vigorous plant so smothered with blooms that very little foliage shows. Pkt. 35c.

**PETUNIA, FLAMING VELVET**—Gold Medal, All-America Selections, 1936. The only Gold Medal winner in last year's All-America Trials, Petunia Flaming Velvet has caused a sensation because of the uniform excellence of its velvety, rich, blood-red flower. It has not yet been widely grown, but after this year will be classed among the popular Petunia varieties. The plants are semi-compact in habit, about 15 inches in height, absolutely uniform, and the flowers are large and borne in great profusion. Pkt. 15c.

**PHLOX GIGANTEA, SALMON GLORY**—Silver Medal, All-America Selections, 1938. A good salmon in Phlox Drummondii Gigantea type. The individual florets are gigantic for Phlox. Color is a pure salmon pink with a distinct creamy-white eye. Clear, clean, crisp appearance. One of the most beautiful color combinations ever seen. Pkt. 25c.

**SCABIOSA IMPERIAL GIANTS, BLUE MOON**—Honorable Mention, All-America Selections, 1938. Entirely different and improved flower and plant form from existent Scabiosa varieties. Broad, heavy, wavy petals, eliminate the pin-cushion center entirely. Flowers a luscious rich deep lavender blue; fully double, extremely large and deep. Long, heavy wiry stems hold the flowers proudly erect. An ideal

**RUST RESISTANT SNAPDRAGON, SWING TIME**—The loveliest rose pink imaginable with a bright yellow touch and a white tube that is an addition to its beauty rather than a hindrance. Spikes are huge and evenly packed with immense blooms beautifully tapered. Pkt. 25c.